Bird Notes
1938-40
Amelia S. Allen

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Order of Shore Birds -
Also dates so far ascertained.

Black-bellied Plover	July 22 - Apr. 29	
Semi-palmated Plover	Aug. 18 - Oct. 16; Mar. 2 - May 3.	
Surf Bird	July 29 - Apr. 13.	
Ruddy Turnstone	Aug. 12 - Mar. 4.	
Black Turnstone	July 29 - Apr. 26	(July 23, 1938)
Long-billed Curlew	July 24 -	(July 13, 1938)
Hudsonian Curlew	July 12 - May 20)	
Spotted Sandpiper		
Wandering Tattler	July 23 - May 18	
Western Willet Greater Yellowlegs	July 26 - Apr. 27	
Lesser Yellowlegs		
Knot	Sept. 28; Apr. 21 - 29.	
Least Sandpiper	July 18 - May 5	(July 13, '38)
Dunlin*	~~Sept. 5~~(?) - May 5	
Long-billed Dowitcher	July 23 - May 5	
Western Sandpiper	July 21 - May 20	
Marbled Godwit	July 22 - Apr. 29.	
Sanderling	July 25 - May 20	
Northern Phalarope	July 26 - Oct. 20; Apr. 25 - May 24	(July 13, 1938)

* 1938, first seen Oct. 23; 1939, Oct. 14.
1940 " " Oct. 10.

1938.

Jan. 1. Boulder Creek. Cloudy. warm. no frost. Worked in the garden. Heard Siskins, Purple Finches, Chickadees, Towhees (Brown & Spotted) and a warbler with a very light "chip". Left at 2 p.m. for Berkeley. Stopped at Mountain View Marsh, Tide was right but atmosphere very murky so visibility was poor. Birds were very abundant.

Black-bellied Plover - ab.
Long-billed Curlew - not so many. (10+)
Hudsonian Curlew - (10±)
W. Willet (ab.)
Least Sandpiper (ab.)
Dunlin (ab.)
Western Sandpiper (ab)
Godwits (ab.) 40+ near highway.
Dowitchers - very abundant.

The three Sandpipers and Dowitchers were the most numerous. When a bird made a popping noise in passing, great numbers of these smaller birds flew up - several hundred. The larger birds were more scattered and many of them were more numerous out in the deeper water at a distance from the highway. Not sufficient light to detect a Yellowlegs - heard no calls to indicate his presence.

Leslie Salt Sign has disappeared.

Jan. 3, 4. Tule fogs in Berkeley. Spring song of Vigor's Wren and Thrasher as well as Wren-tit and Titmouse.

Jan. 5. Heavy tule fog. As we were driving to Boulder Creek we decided to go through the new low-level tunnel and down through the San Ramon Valley but found the fog still more dense there. It was not until we were half way up the Saratoga Grade that we drove out into clear sunshine. Weather at Boulder Creek was beautiful; air very clear, sun very warm, frost at night.

Mrs. McCabe reported 2 prs. Wood Ducks at San Pablo Reservoir.

Jan. 6. Boulder Creek. Birds much more abundant than at any time this winter - robins, Hermit Thrushes, Varied Thrushes; great flocks of Siskins and Juncos and Chickadees. Many Townsend Warblers. One Kingfisher heard.

Jan. 7. Birds haven't made an impression on the madrone berries yet though some years they are all eaten by Dec. 15. Worked in the garden in the morning, transplanting seedlings. After lunch we slept in the sunshine for an hour (yesterday also) then started to Berkeley. When we got to Saratoga Gap we could see the whole valley filled with a high fog, mountain tops only were clear. So we drove home via the Skyline Blvd, San Bruno, and Bay Bridge. Distance the same as via Santa Clara and time 2 3/4 hrs. Cold in Berkeley with ground fog. During the night the East wind began to blow.

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Jan. 8; 9. East wind. Clear, sunny.

Jan. 10. Faculty Bird Section went to Lake Merritt. Ducks were less numerous than usual. The man who feeds at the Embarcadero said they had been less abundant all winter and recently someone had been shooting near the lake. There were no Redheads, Teal, Golden-Eyes or Mergansers seen and only one Buffle-head. The European Merganser did not return this year. One Black Brant was near the fresh water feeding station - probably pinioned. There were great numbers of Bonaparte Gulls. Weather beautiful.

Jan. 11. Boulder Creek. Clear, sunny warm. Arrived 11:40 a.m., lunch at Clementi's. At the cottage we napped in the sunshine then worked the rest of the afternoon in the garden. Many birds - Siskins, Juncos, Chickadees, Hermit Thrushes, Juncos sang occasionally. A Spotted Towhee bathed in the mush-room pool (no ice). 50+ B.b. Plover at Alvarado in green field.

Jan. 12. Stopped half an hour at Mt-View Marsh - Tide flowing out - too far out for best observations. However there were still many birds on the mud flats - Black-bellied Plover - perhaps 150 -. Two of these birds kept together all the time, running back and forth rapidly near a pool. It looked like courting. They were seldom more than a foot apart - When one turned the other did also, invariably.

Long-billed Curlew - about six seen - always rather ~~far~~ away toward the open water. Probably more at a distance from the highway

Jan. 12 (contin)

Hudsonian Curlew - perhaps 30 scattered in the salicornia or on the mud nearer the highway. Invariably they showed ~~deeper cinnamon on the lower parts~~, browner heads and backs and showed no cinnamon lining in wing when they flew. The L.b. Curlews had a bald look on the side of the head and neck - ~~paler sides and under parts~~ but when they flew showed bright cinnamon lining to the wing.

Willets were abundant out near the open water - I could see the flash of black + white in the wings as flocks changed their positions - Only a few near the highway.

No Yellowlegs seen or heard.

Least Sandpipers abundant very near the roadway, even outside the fence

Western Sandpiper - quite sure I saw some mixed in with the Dowitchers and Least Sdp. near the roadway. I suspect that large flocks out near the open water were Western.

Dowitchers - perhaps two hundred or more near the highway -

Red-backed Sandpiper - none seen near the roadway - may have been farther away.

Marbled Godwits - only two seen on the mud flats.

At Dumbarton Bridge the tide was out farther than I have ever seen it (-0.6 at Ft. Pt.) - hundreds of feet of mud exposed but nothing on it except Dowitchers at the west end. The usual Eared Grebes in the first

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Hundreds of Bonaparte Gulls on the last pool - Salt Pool - A hundred probably Willets & Godwits 21
perhaps in the second. A few Ruddy Ducks and two Egrets. Between the bridge and Alvarado there were thousands of gulls following the tractors and as it grew darker many were flying toward the bay. Much plowing being done and every tractor seen was at the head of a white line of gulls.

Jan. 13. I swept out the bird pools and put out food. Half an hour later a flock of Bush-tits was bathing - also two R-c Kinglets, 1 female Spotted Towhee and one Song Sparrow. The Song Sparrow drove away the kinglets and Bush tits before going into the water. A Titmouse was coming frequently to the table and a Hermit Thrush to the toyon - Warm - partly cloudy (or foggy) -

Jan. 14, 15. Warm, springlike. Thrasher singing continuously. Also Wren-tit, Song Sparrow and Titmouse occasionally. Rain at night (15th)

Jan. 16. Clear. Started at 3 p.m. to Boulder. Colder and cloudy in the mountains but became warmer at night. No frost or ice.

Jan. 17. It began to rain about 9 a.m. so we could do very little outside. James saw a flock of about 50 Cedar Waxwings. Started home at 1:25 p.m. At Mt View marsh tide was high, no birds but gulls. At Dumbarton Bridge Salt Pools several hundred Eared Grebes & Bon. Gulls & 100 ± Dunlin.

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Jan. 26 Lady Birds went to Contra Costa Co. Clear but a cool or chilly breeze (E.). At San Pablo Reservoir we found about 30 Ring-necked Ducks, 50 Geese (Hutchins?), a few Mallards (4), 1 female Merganser and a few Eared Grebes. The Merganser swam just under the surface of the water. The geese were on the water part of the time but later flew to a grassy slope to feed. Many coots. Below the dam we took the first road to the north and had our lunch in a sunny spot where a Vigors's Wren was singing. Heard a Townsend Warbler. After lunch we continued toward Martinez, but just before reaching the town turned toward Walnut Creek, then through Reliez Valley to the main highway. One stop was made in a valley where there were orchards — many Aud. Warblers — and on the hillsides madrones and toyons heavy with berries. Great numbers of Robins, Titmice, Kinglets and Yo. Goldfinches. One large bird flew which suggested an Anthony Green Heron. Before returning to Berkeley we visited the Haberland Bee Ranch on Tyler Creek where we found a Mocking bird, Sapsucker, Nuttall Wood-pecker, Bluebirds, White-crowned Sparrows, among them Quail, Meadowlarks, Blackbirds, Shrikes, Jays (Calif. & Coast), No hummingbirds or Bush-tits. Many Sparrow Hawks, one Cooper, several Redtails. Beautiful day, beautiful drive.

Jan. 27. Two Fox Sparrows at feeding table. Have been very scarce all winter. Rain.

Jan. 29. Clear again. 2 Fox Sp. and 2 G-C. Sparrows came for food. Also the usual pair of titmouses, Br. & Sp. Towhees & Song Sparrows. At 10 a.m. we started to Boulder Creek - Clouds disappearing as we continued south. Reached there at 12:15, After lunch had nap in sunshine at cottage. River very high and muddy.

Birds more abundant than any time this winter. Varied Thrushes, Robins, Hermit Thrushes, Great flocks of juncos, chickadees, siskins — spring songs.

Jan. 30. Cloudy. Varied Thrushes singing when I awoke - giving their single notes at many different pitches

At Mt. View Marsh at 2:30 p.m. the tide was just right so that there were many birds near the highway.

Black-bellied Plover - many single birds —
Long-billed Curlew - 4 seen. "Curlew" call
Hudsonian - 20± "
W. Willet - many single birds
Least Sandpipers }
Western " } all abundant
Red-backed " }
Dowitchers - hundreds - Gulls abt. Killdeer 50+
Godwits - 40-50 - some calling vigorously

At Dumbarton Bridge - a few ducks sp? Eared Grebes (200+), Two flocks of birds size of godwits or willets - could not identify. 3 Egrets. Cold. Cloudy. W. to S. wind

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Jan. 31 Raining. Continued through week.
Feb. 5. Still raining. Blizzards in Sierras. Snow on Mt. Diablo. Winter birds increasing. Feb. 6 Shovellers Mt Eden
Feb. 12. Still raining continuously. Spotted Towhee has been heard giving a whisper song as he hopped about on ground. Thrasher heard at times. Most highways closed. Near Oak Knoll (Feb. 11) a lake 3 ft deep and covering two or three acres crossed the highway.
Feb. 13-15 Still raining
Feb. 16 Clearing
Feb. 18 Another heavy rain -
Feb. 19 Clearing. Went to Boulder Creek Santa Cruz. Cormorants, Gulls, Scoters. Trees down.
Feb. 20 Beautiful warm day. Sun reaches cottage. Creeper singing. Varied Thrush & Hermit singing.
Feb. 21 Berkeley. Light rain early. Clear later. A flock of Purple Finches came in - all singing. Siskins. Junco. Spotted Towhee in full song.
Feb. 22. Heavy fog early; high fog until 3 p.m. Clear. Warm. Went with Miss Gladding and Mr. & Mrs. Gibbs to Mt. View Marsh, Palo Alto Yacht Harbor, Dum. Bridge, a little way on road from Mt. Eden to S. Mateo Bridge, Bay Farm Island and Lake Merritt. Tide at Mt. View was too far out for best birding but many were seen. (No rails)

List: Western Grebe - a few - Dum.
Eared Grebe Dum. (200±), Lake Merritt 10±
Farallon Cormorant. (1) Yacht Harbor
Gt. Blue Heron - 3 - Dum. & Yacht Harbor

Feb. 22 (contin)

Snowy Egret (1) Dum.
Black-crowned Night Heron (2) Yacht Harbo
Snow Goose 12±
Hutchins Goose 10± } Lake Merritt – (pinioned)
Cackling Goose 2
White-fronted Goose 2
Mallard 50± Yacht Harbor
Baldpate 100s Lake Merritt
Shoveller 40± near San Mateo Bridge
Pintail 6+ – Lake Merritt
Canvas-back 20-40 L. v (near fresh water pool)
Lesser Scaup – Alameda & Lake Merritt
Bufflehead 8+ – Lake Merritt
White wg. Scoter – Dum.
Ruddy Duck – Dum. Lake Merritt
Marsh Hawk (2) Dum.
Sparrow Hawk (2)
Coot – 100s bet. Mt. Eden & Alvarado
Bb. Plover, 100+ Mt. View, Dum. Al.
Killdeer ab. Mt. View, Yacht Harbor. Mt. E.
Lg-billed Curlew 10± Mt View
Hudsonian " 40± " " 3 W. Dum.
Willet 100s Mt. View, Dum. Al.
> Yellowlegs – Yacht Harbor 2 (or 1 sev. times)
Least Sandpiper ab. Mt. V, Dum. Al
Red-b " " " "
Dowitcher 20+ Mt View
Godwit 200± Mt. View, Dum. Al.
Sanderling 30± Alameda

(over)

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Feb. 22 (contin)
Glaucous winged Gull } Lake Merritt
Calif. Gull }
Ring b. Gull }
Bonaparte Gull - 3 flocks, 20+ each - Al. -
Horned Lark 20+ Al (Bay Farm only stop)
Pipit, general - fairly ab. Mt. View, Dum. Y. H. Al.
Redwing Blackbird - Near S. Mateo Bridge
W. Meadowlark, ab. in suitable places, singing
Brewer Blackbird - ab. " "
Eng Sparrow - Lake Merritt; near ranches.
House Finch - 2 flocks - E. end Dum.
Gb. Goldfinch a few with House Finches
Brown Towhee - Along highway Al. County only
Bryant Savannah Sp. Mt View, Dum (song)
Nuttall Sparrow - Berkeley
Santa Cruz Sparrow - Alameda Co -
50 sp. Al. Salt Marsh Sp. singing - Dum. -

Feb. 26. Warm, summer day. Boulder Creek. -
One Kingfisher heard.
Feb. 27. Cloudy. Warm.
Feb. 28. Partly cloudy with heavy rain in the late afternoon. Faculty Bird Group went to Contra Costa County. We stopped near the Moraga Road not far from the Orinda junction (1/4 mile) where San Pablo Creek flows through. Birds were very abundant and many species. We spent an hour or more there then went on to San Pablo Reservoir where we ate lunch - Then to

Tyson Creek (Haberland Bee Ranch) where birds were very few as compared with former visits.

Farallone Cormorants - 3 at S.P. Res.
Blue Herons - several " " - one flying over (Mrs. Sand who lives near the place where we stopped first said she saw one perched on one of her garden chairs.)
Shoveller (3?), Ring-necked Ducks (12±)
Ruddies
Sparrow Hawk (2) Quail (one flock), Coots (ab.)
Killdeer (Tyson Creek, flying over) Gull (sp.?)
Anna Hummer (1); Kingfisher (1);
Nuttall Woodpecker (2), California Wdp. (many)
Flickers (ab.) Black Phoebes - at each stop. apparently building under bridges.
California Jays (several 10±);
Titmouse (very abundant - building, singing)
Wren-Tit (2 heard) Vigors Wren (1 heard)
Hermit Thrush (1) Varied Thrush (12-15)
Robins (Tyson Creek); W. Bluebirds S.P. Res. (6)
R.c. Kinglets (2 - one singing);
Audubon Warblers - Maranga Road and S.P. Res.
→ Lutescent Warbler (heard)
Blackbirds (100±) in close flocks S.P. Res.
Meadowlark (one singing on top of water tank. I have always found these in spring at the Bee Ranch.
Purple Finch (1 heard singing) Linnets ab.
Willow Goldfinch (1 Tyson Creek); Green-b. Goldfinches (ab)
Spotted & Brown Towhees, Juncos, White-cr. Sp. Gold.-cr. Song Sparrow.
39 sp.

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Mar.-1. Rain.

Mar. 2. Floods in Southern California.

Mar. 5. More rain

Mar. 6. " " Thrasher singing between showers. Song Sparrow at 5:30 a.m.

March 7. Raining most of the time. Wilbur Group went to Orinda and San Pablo Reservoir. Saw fewer birds than on Feb. 28 because of rain. Gt. Blue Heron, Farallone Cor., Ring-necked Ducks, Duck Sp. Hawks, 2 prs. Redtails + 1; Nuttall Woodpecker, Flickers (ab.), Calif. Jays (ab.); Titmouse (singing); Wren-tit (singing); Robins, R-c. Kinglet, Aud. Warblers, Vigors Wren (singing) Redwings, Meadow larks, Linnets, Gb. Goldfinch, Spotted & Brown Towhee, Juncos, ~~Nuttall~~ (or Puget Sd. Sparrows, Golden-crowned Sp. Song Sp. (singing).

March 9 - Clearing.

March 10 - Partly cloudy. A pair of Vigors Wrens investigated my nesting box.

March 11. Rain at night. Cloudy day. Flocks of Siskins

March 12. Raining steadily. Purple Finches singing; also Thrashers, Wrentit, Song Sp., Titmouse

March 13. I heard a Lutescent Warbler in the distance beyond the end of Mosswood Rd. Still raining. The Vigors Wren was the first bird heard this morning.

About 10:30 a.m. I went out for a walk between showers. Before 11:30 there was a heavy downpour with hail. I walked to Hamilton Canyon as far as the Mann house and back. The sun was shining and many birds were singing but I heard no summer visitants, Purple Finches were singing every where, especially where there were almond trees in bloom. Juncos, Robins and Thrushes were very abundant. Berries which have been over abundant are beginning to disappear but there were enough left in the old Roe place to attract many robins, Varied Thrushes and Hermit Thrushes. There were crowned Sparrows there too but none singing. One Anna Hummingbird (male) was at the usual spot on the vines near the pipe which carries water across the road. I heard a Gnatcatcher note but only when a Thrasher was singing and I suspect it was an imitation. A Spotted Towhee ended its soft trill several times with a note like that of a Western Flycatcher. One pair of Bush-tits was very busy in the cypress tree at the corner of Mrs. Paine's lot but I could not detect a nest. One flock of Bush-Tits was seen. Song Sparrows were singing and Vigors Wrens scolding. Other birds seen: Flickers ab.; Quail, Brown Towhees (four across from Mrs Paine's. One of these kept fluttering its wings but got no response from any one of the three near it) Audubon Warblers ab.; Siskins (one flock flew over) Calif Jays ab, Linnets - Wren-tits (singing)

Many birds at the feeding table: Food bread and sunflower seeds. Titmouse (pr.), Calif. Jay, Br. and Sp. Towhees, Fox Sparrows and Song Sparrows.

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March 14. Birds seen between our house and the Campanile by way of the Stadium Rim -
(Sharp-shin) or Cooper Hawk - 4, three together.
California jay, ab. Coast jay heard.
Flicker, several. In a pine tree near the Greek theater a fresh hole had been made in a place where a large branch had been sawed off and painted. It was about twenty feet from the ground. Saw a flicker near it
Willow woodpecker heard near bridge back of Co-op.
Anna Hummingbird near old M.V.Z. building.
Allen Hummingbird near Women's Faculty Club.
Rufous Hummingbird near Greek Theater.
Titmouse heard near bridge back of Stephens Union
Bush-tit - Many pairs, no flocks. One nest back of Household Arts building.
Wren-tit - Several heard singing. One female seen in crataegus bushes on Stadium road.
Audubon Warbler - ab. in Eucalyptus trees near Greek Theater.
Purple Finch - ab. Singing everywhere.
Linnet - 12-15 in olive tree at Bowles Hall.
Brown Towhee - several pairs.
Golden-crowned Sparrow - ab. along Stadium road.
White-crowned Sparrow (pugetensis) - one flock near Household Arts Bldg.
Nuttall Sparrow - in full song near Campanile.
Song Sparrow - in full song, generally distributed.
Ruby-cr. Kinglets - several singing.

Mar. 15-24. Raining most of the time.
Lutescent Warbler heard occasionally nearer the house. On Mar. 24 both the Fox Sparrow and Hermit Thrush were singing early in the morning. Clear by afternoon.

Mar. 25 N.W. wind. Clear.

Mar. 26 The first clear week-end since Feb. 26 We went to Boulder Creek where we soaked up the sunshine. A few Cliff Swallows near Mt. Eden

March 27. Early a.m. a Warbling Vireo was singing and about 10 a.m. a Western Flycatcher began calling. Chickadees in flock. Green-backed Goldfinch – three flying high – all with wings buzzing instead of usual flight. Was it a case of two males courting one female. The white patches in wings were very conspicuous as the wings buzzed. Ideal weather until about 1 p.m. when it became overcast. Generally overcast on way home and cooler. Cedar Waxwings in Berkeley.

Mar. 28. Wind from N.W. drove away the fog and clouds. Bird trip to Oakland Air Port. Clear with strong cold wind. Tide high.

List: Loon (Red Thr. or Pac.?) – one diving
Horned Grebe – one was apparently just changing to breeding plumage. It showed red on neck and sides of body. Neck shorter and thicker than Eared Grebe.
Eared Grebe – several seen – all in winter pl.
Farallon Cormorant – a large flock fishing –
Gt. Blue Heron: One seen

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Mallard – 1 pr. Golf Course pond.
Canvas Back – two seen.
Lesser Scaup – 200 + Commonest duck seen.
Am. Golden Eye – 6 + – two im. ♂
Surf Scoter and White-winged Scoter.
Ruddy Duck – a very few
Marsh Hawk – one seen several times
Clapper Rail – swimming across a slough.
Coot – several seen
Black-bellied Plover – 20 – 50 – scattered, winter plum. 1 breeding plumage
Killdeer – several pairs.
~~Black Turnstone (one seen)~~
Willets – 200± scattered – one close flock
Long-billed Dowitcher – 20+ close in. Probably [illegible]
Glaucous-winged Gull – ab.
Western Gull. Prob. Calif. & Ring-bills also –
Forster Tern – 20+ on bay just west of airport.
(first ones seen this spring)
Horned Lark – Many seen. Song heard.
Barn Swallow – near Golf Course. First this spring.
Pipit – several seen. Still in winter plumage.
Meadow larks ab. Singing. Apparently located for nesting –
Linnets – in brush back of airport. Singing
Bryant Sav. Sparrow. Very ab. Found a nest on ground under short coarse grasses. Nest completely domed with a constricted entrance. Three eggs. Dry wide bladed grass formed the frame and dome of the nest.
29 Alameda Salt marsh Song Sparrow – ab. singing
Least Sandpiper – small flocks scattered about
Western Sandpiper – possibly – but definitely seen
32 Sanderling – hundreds at high tide.

March 29. Cold wind.

March 30. Warmer. At the South end of the Stadium a Cliff Swallow was flying about. An Audubon Warbler was singing.

Lady Birds went to Sunol and Calaveras Creek. We could find no Lewis Woodpeckers or yellow-billed Magpies. No herons seen. Our ~~first~~ second stop was at the bridge opposite Castlewood Country Club where we found Pileolated and Lutescent warblers, Allen Humming-bird ♂ and Western Flycatcher as well as many permanent residents. Winter visitants: Hermit Thrush.

The first stop was farther north at a ranch where Cliff Swallows were building their nests under a water tank and on a barn where there was a convenient ledge above the siding. Each one of a pair brought mud and placed it. One nest was almost finished but most of them only just begun. There was a flock of Puget-Sound White-crowned Sparrows feeding and bathing and singing.

After we left the main road we found a small flock of Savannah Sparrows by the road side. They perched quietly on the fence wires or dropped into the grass. Among the tules Yellowthroats were singing and Mrs. Sheldon heard a Tule Wren. Redwings were much excited and repeated several different loud calls as well as the usual song.

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Many chickadees were seen in the canyon above the bridge and Lutescent Warblers were spaced for nesting. A Warbling Vireo sang several times but passed on. Turkey Buzzards (sev.) were soaring about the rocky peak and a pair of Redtails above the upper canyon. Each one of the pair dropped the feet as they neared each other. Flowers: Wild portulaca, mustard, poppies, cream cups, shooting stars, saxifrage, baby blue eyes, y[illegible]

List: Coot (1 near Pleasanton); Killdeer (2 prs.), Gull (a few in overflowed areas); Quail (one flock); Turkey Vulture, Sh. Sh. Hawk (1); Redtail (sev.); Sp. Hawk. Allen Hummingbird; Flicker, Calif. Woodpecker; Black Phoebe, Western Flycatcher (1); Horned Lark (1); Tree Swallow, Cliff Swallow; Coast Jay, Calif. Jay; Chickadee, Titmouse, Wrentit (1 heard); Tule Wren (heard); Hermit Thrush, W. Bluebird, Varied Thrush; Ruby-crowned Kinglet (1); Shrike. Warbling Vireo; Lutescent Warbler, Audubon Warbler, Pileolated Warbler, Yellow throat; Meadowlark, Redwing, Brewer Blackbird; Calif. Purple Finch, Linnet, Green-backed Goldfinch, Brown Towhee, Spotted Towhee, Junco, Puget S. Wh. Cr. Savannah Sparrow, Song Sparrow (very ab.). 44 sp.

Many loganberries still on bushes, madrones in bloom.

March 31. Clear, chilly breeze. 2 Thrashers vieing in song. Titmouse. Lutescent Warbler

Apr. 1. Heard a Gnatcatcher across from 21 Mosswood.

Apr. 2 - Berkeley - Heard a House Wren singing near dairy -

April 2. Cloudy on the way to Boulder Creek but sunny and warm there. Heard the Cassin Vireo singing and giving the call note used by the young birds. In the late afternoon we went to Santa Cruz and drove along the West Cliff Drive. Birds seen were: Brown Pelicans, many; Farallone Cormorants, many; Gulls (no Heermanns); Western Grebes; Surf Scoters. (No Cliff Swallows Sanderling or shore birds or Black Guillemots.) Very clear starlight later.

April 3. High fog early; Sun came out at 7:15. Warbling and Cassin Vireo, Lutescent and Pileolated Warbler and Western Flycatcher singing. Heard a Hummingbird (not Anna) Juncos (a pair) kept near the logans part of the time. Beautiful warm morning. On way home we ran into high fog near the summit and it was cloudy the rest of the way home. Blossom Festival at Saratoga. At noon we noticed three Turkey Buzzards - Two apparently courting when a third appeared. After some time one started toward Ben Lomond Mt. with only one following it.

Apr. 4. Campus. Rainy. Cedar Waxwings 75±; Siskins 50±; Robins building on volutes of columns of L. Science Bldg., alighted on three different columns - Two hummingbirds were much concerned over two jays. We saw the jay go into an oak tree and carry off what looked like a tiny bird; supposedly a baby humming. The two hummingbirds kept buzzing about. Were they a pair or two females. Light was so poor we could not tell. Other birds seen in pairs: Song Sparrow, Brown Towhees, Bush-tits. Purple Finches were singing constantly; each time from the tip of a conifer. Juncos heard. Golden-crowned and Puget Sound Sparrows in flocks and Nuttalls in pairs. Heavy rain – afternoon and all night.

April 5. Cleared suddenly with cold north wind.
Birding at Orinda. Stopped first at right of highway on San Pablo Creek. Hills covered with live oaks and small valley oaks. Later we went to the head of the lake at the Country Club.
Birds seen: Ring-necked Duck (4), American Merganser (1 ♀, Ruddy Ducks (two males in full plumage), Mallards; Coots (4); Quail Buzzard, Redtail (2), Cooper Hawk (among trees, then sailing); Calif. Woodpecker, Willow and Nuttall, Flicker (ab.); Coast Jay (1), Calif Jay (15-20); Black Phoebe (nest in steel conduit supported by wire; Western Flycatcher; Titmouse (very ab.); Wren-tit, Vigors Wren, Hermit Thrush?; Warbling Vireo (pair seen); Ruby-crowned Kinglet (2 singing); Slender-billed Nuthatch (male feeding female); Hummingbird (Anna whistle heard) Meadowlark; Linnet, Purple Finch, Gr. Goldfinch, Lutescent and Audubon Warbler (full plumage); Brown and Spotted Towhee, Golden-crowned and White-crowned Sparrow (sp.?). Song Sparrow. Violet-green Swallow (over lake 2) 39 species.

Mourning Dove hrd

Red br. Sapsucker

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April 6. Warmer. Worked in garden – first time this spring.

April 7. Variable. A Cassin Vireo was heard near the house. and a Tolmie Warbler in the distance indistinctly. A small group of Bush-tits went through the trees 6th. – All notes heard were adults'. Much more sun since trees have been thinned out. Heard Gulls calling as they do when they spiral upward to migrate.

April 9. Beautiful spring day. As the tide was right we stopped on the way to Boulder Creek at Mountain View Marsh expecting to see great numbers of migrating water birds. – Instead there were fewer than at any time during the winter. The only birds seen within a hundred feet of the highway were two Clapper Rails outside the fence and two Hudsonian Curlew. In the distance I could see Long-billed Curlew and Willets. At Dumbarton Bridge there were Red-backed Sandpipers, some with black bellies, a few Least; Willets (a few) and perhaps a thousand Bluebills. Many Cliff Swallows

At Boulder Creek no winter birds were heard. Warbling and Cassin Vireos & and Western Flycatcher were heard more constantly and a Black-throated Gray Warbler was singing much of the time. I did not detect a female. (continued on next page

April 10. Warm – perfect weather. Colder on the way home with fog coming in from ocean. Berkeley warm. Crisp at night.

Saw one Pintail Duck –

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Apr. 9 (contin from previous page) In the after noon we drove to Santa Cruz and out the West Cliff Drive. Tide was high. Many Brown Pelicans, Farallon Cormorants, Gulls, and two large flocks of sanderlings (one on a grassy slope at the top of a cliff over the ocean.) One bunch of Western Grebes. No Turnstones or Guillemots. At the point where the Guillemots usually nest there were swarms of Cliff Swallows, many more than we saw at Dumbarton Bridge.

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April 11. Partly overcast, chilly wind. The Faculty Section went to Alameda and the Oakland Airport. At the first stop on the new highway in Alameda on the edge of the bay (with a sea wall) a large flock of Bonaparte Gulls (almost all with black heads) were on the water. They seemed to be picking up something from the surface of the water (insects?) Bluebills were numerous and a few Surf Scoters in full plumage and bright bills) were seen. One female Golden Eye. The next stop was on the outer shore of Bay Farm Island where we saw more Scaup and Scoters including the White-winged. Farther on the outer point of a tidal island (high tide) was covered solidly with Sanderling and Red-backed Sandpipers. As we turned in toward the air port from a shore line to the south a huge flock of shore birds rose, divided and circled, but were too far away to identify exactly

We drove past the buildings at the air port and crossed over to the river shore near the radio building. The first bird seen was a Red-Throated Loon which really showed red feathers on the throat. We watched Bryant Sparrows, Horned Larks, Salt Marsh Song Sparrows; then walked back along the shore to the slough at the bend where there were great numbers of gulls. On the water were 6 Farallone Cormorants, many Lesser Scaup, a few Surf Scoters; several groups of Hudsonian Curlews flew over. At the slough the tide was running out and four Caspian Terns were seen among the Gulls. Flocks of Black-bellied Plover in full plumage began to appear and became very abundant — hundreds of them — very excitable — settling to feed then suddenly rising and circling about as an airplane flew over. The sandpipers were in great flocks too and some Dowitchers were seen. Least Sandpipers were closely identified but there may have been other kinds in the distance. As we came back Forster Terns appeared, actively feeding by dropping suddenly to the water. Very few willets were seen. I heard the calls of Long-billed Curlew cur-lew but the Hudsonians were seen. Two Greater Yellowlegs were seen.

List for the day:

Red-throated Loon, Western Grebe (10±); Eared (or Horned Grebe) (1); Farallone Cormorants (6); Great Blue Heron (2); Canvas Backs (a few); Bluebills abundant; Am. Golden-eye — one female;

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Alameda & Bay Farm Island (contin.) April.
Buffle-head, one female (white on side of head, small bill); White winged Scoter (a few); Surf Scoter (~~many~~ 20±); Red-tailed Hawk (E. Oakland hills); Clapper Rail (heard); Coot (a few); Black-bellied Plover in full plumage (in great flocks) Killdeer (several); (Long-billed Curlew probably heard) Hudsonian Curlew (several small flocks seen near by. I think many of the huge flocks on the outer shore were H. Curlew); Western Willett (very few near by.); Greater Yellow legs (two); Least Sandpiper (huge flocks); Red-backed Sandpiper, some in full plumage; Long-billed Dowitcher (numerous; usually well out in front of other species, actively probing); (Western Sandpiper not definitely identified); Sanderling (one large flock); Glaucous-winged Gull (ab.) Western Gull (ab.); Bonaparte Gull (ab. with black heads a very few in winter plumage); Caspian Tern (4); Forster Tern (8-10); Anna Humming-bird (E. Oak. hills); Flicker (E. Oak. hills); Horned Lark (ab.) singing; Cliff Swallow (Alameda); Barn Swallow (Airport) Calif. Jay (E. Oak. hills); Bush Tit (E. Oak. Hills); Robin (Mrs. Fritz' garden); Pipit (a few); Lutescent warbler (E. Oak. hills); Meadowlark (ab.); Brewer Black bird (a few); Eng. Sparrow; Calif. Purple Finch (Mt. Blvd); Linnet (a few); Gb. Goldfinch (Mt. Blvd.); Brown and Spotted Towhee (Mt. Blvd.); Bryant Savannah Sparrow (ab. Nest found on Mar. 28 now has three young birds. Nest very hard to see.); Nuttall Sparrow (Mrs. Fritz' garden); G.c Sparrow (1 flock - Mt. Blvd.); Santa Cruz Song Sp. (Bay F. Is. & Mt. Blvd.) Al. Salt Marsh Song Sp. ab; 50 sp.

Apr. 12. 8:30–:45 a.m. I heard from my bedroom window: Aud. Warbler, Pileolated, Lutescent, Tolmie Warblers, Anna Hummer, Song Sp., Linnet, Wren-tit, Thrasher, Vigors Wren, Coast Jay, Calif. Jay, Pine Siskin, Spotted Towhee, Purple Finch, House Wren, Quail. Miss Gelding showed me an Allen Humming bird nest in fuchsia – in 1943 –

April 13. Clear with cold north wind. At early dawn I heard one song phrase of the thrasher; then one of Song Sparrow (4:50 a.m): By 5 a.m. the thrasher and Song Sparrow were singing continuously followed by the Spotted Towhee. Then a Hermit Thrush called several times and sang continuously with fully twenty repetitions of its double phrases. Later the Wren-tit, Pileolated and Tolmie Warblers, Vigors Wren were singing.

At 8:15 a.m. the Lady Birds went to Corral Hollow. The flowers were wonderful and hills that were dullest dry at this time two years ago were lush with grass. But oaks were only just coming into leaf and sycamore trees were still bare. Before we entered the hills south of Livermore we saw orioles and Lewis woodpeckers and many Mourning Doves. Farther on Bluebirds and Savannah Sparrows were abundant. We saw no Rock Wrens along the way and none at Corral Hollow. On the way back we stopped at the little eroded valley where we found them two years ago and there we found a pair just starting a nest. Two years ago on this date the young birds were hatched (T. T. McCabe). The hole in which the nest was being built was near the top of the eroded bank and was only five inches or so deep and had a wide opening so that we could see the beginnings of the nest easily. The male perched near by and sang while the female was at the nest. The Say Phoebe was seen near the bank also but frequently flew far

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up on the hillside. Several times we saw a Prairie Falcon flying very swiftly; twice we saw one teasing a Turkey Buzzard.

List of birds seen or heard: Quail, Buzzard, Redtails (a pair), Prairie Falcon, Sparrow Hawk, Killdeer, Mourning Dove, Nuttall Woodpecker, Lewis Woodpecker, Flicker, Western King~~fisher~~, bird, Say Phoebe, Black Phoebe (Arroyo Mocho). Cliff Swallow, Barn Swallow, Violet-green Swallow Calif. Jay, Bush-Tit, Rock Wren, House Wren, Western Bluebird, Western Gnatcatcher, Pipit, Calif. Shrike (abu), Lutescent Warbler (?), Meadowlark, Redwings, Oriole (Bullock), Brewer Blackbird, House Finch, Green-backed Goldfinch, Brown Towhee, Lark Sparrow (a pair at Arroyo Mocho) Chipping Sparrow, Junco (very gray in a flock), Gambel Sparrows (several flocks singing), Golden-crowned Sparrow, Western Savannah Sparrow.

38 species.

I suspect that the Lewis Woodpeckers were preparing to nest as we saw no groups, only single birds or pairs and at one place we saw the pair investigate a hole.

Following a tractor below Alvarado were 50 Bonaparte Gulls.

Apr. 14. Easter Vacation. We drove to Boulder Creek via Dumbarton Bridge. Lesser Scaups were still very abundant. No Eared Grebes, Pelicans Egrets, Godwits or Curlews. All three sandpipers were present, Least in largest numbers; Redbacked next and most of them with black bellies; and a few Westerns. No large flocks. A few Willets.

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no Phalaropes yet. At Mountain View marsh birds were very scarce. Tide was coming in. Several (6?) Hudsonian Curlew and one Long-billed was seen and a few Black-bellied Plover in full plumage and Willets. At ~~Wood Edge~~ Boulder Creek a pair of Lutescent Warblers, also Pileolated - two pairs. Chickadees in flocks.

April 15. Spent most of the morning in the garden. Beautiful weather. Several Black-throated Gray Warblers heard, and several Pileolated. No new spring birds heard. In the late afternoon we went to Santa Cruz and drove along the West Cliff Drive. No Pigeon Guillemots at the point where they usually nest but hundreds of Cliff Swallows soaring about. Tide was high but on the sandy beach near the Light House a few Scoters were sauntering on the beach, wallowing in the shallow water and then floating off when the waves receded. One small flock (25±) Sanderling were running after the receding waves and racing back before those coming in. Ten Hudsonian Curlews came in (sunset.) Juncos seem to be mating under Toyon at Wood Edge.

April 16. The first bird I heard in the morning was a Black-headed Grosbeak and a little later the Olive-sided Flycatcher began to call. Just before we left at 2 p.m. a Lazuli Bunting was singing. The only winter bird heard was the Golden-crowned Sparrow. On the way home I heard Gambel Sparrows. Overcast but [illegible].

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April 17. Easter, Berkeley. A very warm spring day. Lutescent Warblers give their alarm notes in certain parts of the garden. I heard one Audubon Warbler. No Hermit Thrush. Worms are beginning to eat the new foliage on the oaks. A Purple Finch sang at 2 a.m. – nesting near? Siskins heard. Lutescent warblers are singing very little.

April 18. Still warmer than yesterday. ~~Spent the morning~~ Heard a Hermit Thrush early. Later the Black-headed Grosbeak was singing. About 8:15 a.m. A Tolmie Warbler was very near, a Red breasted Nuthatch also; and a House Wren investigated the Titmouse Box.

I spent the morning with a class in Codornices Park. So many birds singing. Only two winter visitants: Golden-crowned Sparrows (crowns bright) and Cedar Waxwings. A Spotted Towhee gave a very peculiar song two syllabled, loud, clear – no suggestion of the usual song.

List Quail, Anna's Allen H. (an Allen was chasing a Pileolated warbler); W. Flycatcher✓, Titmouse (quiet), Bush tit, Vigors Wren✓, Wren-Tit✓, Robin, Warbling Vireo✓, Lutescent✓ and Pileolated✓ Warbler, Cedar Waxwings Linnet✓, Purple Finch✓, Grosbeak✓, G.b. Goldfinch✓, Brown & Spotted Towhees✓, Song Sparrow✓. 20 Species – Those checked were singing continuously.

April 19. Took a class to Saranap and Alamo. Overcast but warm. Light reflected from clouds made visibility very poor. List Redtails and Sparrow Hawks, 2 males Anna (1 imm. yg.) and Allen (possibly Rufous) Hummers, Calif. Woodpeckers, Nuttall Woodpeckers (giving a call different from the rattle - sharp peek, peek, peek, peek - lower pitched and slower than Willow), Willow Woodpecker, Calif Jay, Western Flycatcher, Ashthroated Flycatcher (heard), Titmouse (ab.), Vigors Wren, House Wren, Robin W. Bluebird, Warbling Vireo (gathering shredded bark for nest); Yellow Warbler (first seen or heard this season - at Saranap Station and Alamo Creek but none at Haberlands); Lutescent Warbler (No Pileolated Warblers); Cliff Swallows - very busy gathering mud for nests; Oriole ab., much rivalry; Redwings (at Saranap Sta.); Brewers Blackbirds - at Haberlands there were two close flocks of over fifty each which circled near and through the trees where they usually nest. One pair came through alone. Will one of the two groups take the nesting area? Are they all the birds that were raised at this spot? Or is one group native here, the other not? Meadowlarks, Grosbeaks (ab.), Linnets (no Purple F. (too ab.), Green backed Goldfinches in flocks but one pair was building in a small tree at Haberland's. Spotted Towhees (ab), Brown Towhees, (Small streaked sparrow with lighter brown tail area) like a Savannah Sparrow); Lark Sparrow - a pair had just been bathing in the ravine at Haverlands and were preening their feathers; Gambel and Golden-crowned Sparrows, Song Sparrow (at Alamo only). 32 species.

In the group of large trees across the R.R. from Saranap Station birds were very abundant - Eng. Sparrows, Linnets, Calif. Woodpeckers, Orioles, Green-backed Goldfinches, Yellow Warblers and a Lutescent Warbler.

As we came home we stopped at the end of Mosswood Rd. where we saw several Pileolated Warblers, Spotted and Brown Towhees, Song Sparrows and heard the hummer which does the pendulum with the broken note at the bottom of the arc.

Miss Gladding told me she saw young juncos near the Faculty Club. Allen H. still sitting on nest in fuchsia ~~under~~ below the porch.

Apr. 21. I cleaned out the titmouse box - an old felted nest.

April 22. A House wren was seen about 11 a.m at the titmouse box and soon after began to take in sticks. Very quiet - probably female.

A Dwarf Hermit Thrush was seen on the terrace in front of the dining room. It was catching small insects by running after them. At each run however it fell forward on its head almost as a wagtail does. I noticed also that it's tail frequently touched the ground. Then I discovered it was minus one foot.

We drove to Boulder Creek in the afternoon. We found everything in blossom, lupines, Ceanothus, flowering Crab-apple, Tamarisk, Mountain Ash and Lilac. Also Baby Blue Eyes, ~~Nemesia~~ Linaria, a few poppies (red) and California poppies, Wistaria. Birds too were very abundant; Chickadees, juncos, Cassin and Warbling Vireos, Black-throated Gray, Pileolated and Lutescent warblers. No Yellow Warblers yet. Black-headed Grosbeak and Olive-sided Flycatcher heard occasionally. Saw a pair of Allen Hummers and a Vaux Swift. No King-fishers yet.

April 23. Worked in the garden most of the time until we left at 3:30 p.m. for Berkeley. Beautiful weather - warm but partly overcast. Heard the Monterey Hermit Thrush.

April 25. A Lazuli Bunting sang near the house. I saw a Cooper Hawk, circling just above the trees next the house.

At 5 p.m. we took Prof. and Mrs. Wade-Garey across the two bridges - Innumerable flocks of Sandpipers on the sand at W. Berkeley and near the Toll Gate. Many Bonaparte Gulls. Cloudy most of the day.

1938 Carmel

Apr. 27. The LadyBirds went to Carmel. Cloudy. Left Berkeley 8:30 a.m. Between Mt. Eden and Alvarado we stopped to see the birds on water still remaining from heavy winter storms. Cinnamon Teal (3), Dowitchers Semi palmated Plover (3), Yellowlegs (1), Coot and a Bittern were seen. Farther on Bon. Gulls. At Dumbarton Bridge even on first salt pools N. Phalaropes (br. plumage) and Red backed Sandpipers in full plumage Caspian ~~& Forster~~ Terns, 75 Bluebills, Eared Grebes (25 in breeding plumage; At Palo Alto, Wood Pewee; At Mt. View Marsh, Clapper Rail, Forster Tern, Hudsonian and Longbilled Curlew, Godwits: At Almaden Lazuli Bunting, House Wren, Bush-tits nest. Toward Hecker Pass, Oriole, Chipping Sparrow, Common Loon and Violet green Swallows (on reservoir). At Moss Landing; Least Tern, Red-breasted Mergansers (30+ several males); Ruddy Ducks Dowitchers, Hud. Curlew; At Monterey (Lagoon) Pied billed Grebe, Ruddy Ducks, Tree Swallows.

April 28. Raining. Carmel, Pigeon Guillemots, Baird Cormorants, Brown Pelicans, Hud. Curlew Sanderlings, Barn Swallows, Willow Goldfinches, Pygmy Nuthatch, Cedar Waxwing,
At Pacific Grove, Pacific Loon, Pig. Guillemots, Surf Bird (1), Black Turnstone (2) Black Brant (1)
At Monterey (lunch at Pop Ernest) 20-30 Common Loons, At Palo Alto mockingbird, At Dumbarton Bridge Avocets, Black-crowned Night Heron

Carmel etc. 1938

April 27, 28. List: Common Loon, Pacific Loon, Red-throated Loon; Western Grebe, Eared Grebe, Pied-billed Grebe; Brown Pelican, Farallone Cormorant, Brandt Cormorant, Baird Cormorant; Gt. Blue Heron, Black-crowned Night Heron, Bittern, Black Brant, Mallard (2 families of 9), Cinnamon Teal, Pintail (1), Lesser Scaup (100±), White-winged Scoter, Surf Scoter, Ruddy Duck (courtship), Red-breasted Merganser; Buzzard, Redtail, Sparrow Hawk, Marsh Hawk; Quail; Clapper Rail, Coot, Black-bellied Plover, Killdeer, Semipalmated Plover; Surf bird, Black Turnstone, Long-billed Curlew, Hudsonian Curlew, W. Willet, Gt. Yellowlegs, Red-backed Sandpiper, Western Sandpiper (abundant); Least Sandpiper (? Could not see color of feet), ~~Red-backed Sandpipers~~, Long-billed Dowitcher, (very red breasts), M. Godwits (several at Mt. View Marsh only), Sanderling, Avocets (6), Northern Phalaropes (100s); Glaucous-winged Gull (im.), Western Gull, Bonaparte Gull; Caspian Tern, Forster's Tern, Least Tern; Pigeon Guillemot; Mourning Dove; Short-eared Owl, Anna Hummingbird, Allen Hummingbird; Kingfisher, Calif. Woodpecker, Flicker; Black Phoebe, Western Flycatcher, Wood Pewee; Horned Lark, Cliff Swallow, Barn Swallow, Tree Swallow, Violet-green Swallow, Yellow-billed Magpie (nests in Sycamore Trees), Calif. Jay (1); Crows (at Carmel and Monterey); Titmouse, Santa Cruz Chickadee (Palo Alto); Bushtit, Pigmy Nuthatch (Carmel); Wren-tit (Alameda), Vigors Wren, House Wren, Mockingbird, W. Robin (Carmel), W. Bluebird; Cedar Waxwing, Shrike (Calif.); Warbling Vireo, Lutescent Warbler, Yellow Warbler, Yellowthroat (Carmel), Pileolated Warbler, Redwinged Blackbird; (over

Apr. 27, 28 (contin), Meadowlark, Bullock Oriole, Brewer Blackbird, Grosbeak, Lazuli Bunting, English Sparrow, Calif. Purple Finch, Linnet, Willow Goldfinch, Green-backed Goldfinch, Spotted Towhee, Brown Towhee, Bryant Sparrow, Pt. Pinos Junco, W. Chipping Sparrow, Nuttall Sparrow, Golden-crowned Sparrow (heard by Mrs. Grinnell): Song Sparrow 108 species.

On the sandy shore of Monterey Bay, where the Del Monte Swimming station used to be, there were at least a hundred dead birds, apparently killed by oil and washed up by a high tide. I noticed Cormorants, Loons, Brown Pelicans, Mergansers and Scoters. A group of Sanderling feeding near by puzzled me for some time. Many of them showed black abdomens and one a partial black collar. I decided it must be oil on the feathers for otherwise they were sanderling.

April 29. Berkeley. At dawn - about 4:40 the following birds were heard in the order given: Spotted Towhee, Song Sparrow, Russet-backed Thrush (whistle heard for first time this spring), Brown Towhee, House Wren, Hermit Thrush (singing repeatedly) Thrasher (?), Coast Jay in distance. Soon after five o'clock all were silent except the House Wren. A little before six o'clock the Tolmie Warbler, Pileolated Warbler and Lutescent Warbler and Black-headed Grosbeak began to sing and the Calif. Jay called. Cloudy with some rain. On Belrose Ave. I saw a family of young bush-tits.

Heard a Red-breasted Nuthatch in Berkeley.

April 30. Cloudy with light rain. We drove to Boulder Creek in order to finish burning brush. Black-throated Gray Warbler still present. Saw a few swallows (Vg or Tree?). No flock of Chickadees. Russet-backed Thrush and Kingfisher heard.

May 1. West wind - no rain - partly cloudy. Worked in garden. No Hutton Vireos this spring -

May 2. Bird class spent the morning in Strawberry Canyon between the Stadium Rim and the Poultry Farm. Cold N.W. wind.
Allen Hummingbird - male doing pendulum -
Flicker - not many here now.
Western Flycatchers - at least three pairs.
Coast Jay 5 - heard.
Titmouse, Bush-tits, Wren-tits, Vigors Wren, House Wren, Russet-backed Thrush, Warbling Vireo, Lutescent Warbler, Pileolated Warbler, Purple Finch, ~~Go~~ Linnet, Gr. Goldfinch, Black h. Grosbeak (at least four males in a song contest at E. end of swimming pool), Pine Siskin, Brown and Spotted Towhee, Pt. Pinos Junco, Chipping Sparrow, Lazuli Bunting Song Sparrow - 24 species.

A Western Tanager was calling and a Tolmie Warbler singing near the house.

A blizzard in the Sierras; Blue Canyon to Elk, Nev. 5 in. snow at Donner.

1938

May 3. Still chilly - Trees in lower canyon sprayed.

May 4. About 1 p.m. a Cooper Hawk alighted in the large oak west of the house and gave a call that was new to me - a loud Chur-up - louder and lower pitched than the Check of a grosbeak. Another hawk flew above the trees calling kek, kek, kek, kek. and after a few minutes the perching hawk flew away with it - Much warmer.

May 5. I heard the kek, kek, kek call in the distance about 6 a.m. A beautiful day with fresh cool breeze. Birds very abundant and many songs. The Hermit Thrush called and sang about 7 a.m. Whistle of Russet-backed but no song yet. Robins and Jays eating the oak worms - Purple Finches numerous. Whenever they (the migrating finches) approach the trees near the N.W. porch a pair (?) of purple finches drive them away. I suspect the pair have a nest there. Lazuli Buntings and Grosbeaks singing frequently near the house. A warbler song heard for first time I could not identify. I did not see the bird - Heard a Chipping Sparrow.

May 7. About 5:30 a.m. I heard a bird squealing and then a great commotion among the jays. I went to the window but could see no hawk. Later, when I went into the garden I found a dead Purple Finch, which was streaked above and below and showed quite a little greenish on the back. On the way to Boulder Creek we crossed from Foothill Boulevard to the 14th St. highway a little way north of Decoto. There were several fresh water ponds and in one of them I saw four Avocets (in full plumage) and a number of Western and Red-backed Sandpipers, three Yellowlegs and a In a pond near the R.R. there were three Cinnamon Teal. At Dumbarton Bridge, Northern Phalaropes and Western Sandpipers were still abundant, a few Red-backed Sandpipers and one Dowitcher. None of the larger shore birds except three Hudsonian Curlew. At Mountain View marsh the tide was too far out and I saw nothing.

S.B. Bowed

May 8. Boulder Creek. A warm summer day with a fresh breeze. Breakfast out-of-doors for the first time. Ceanothus and lupine in full bloom. Black-throated Gray warblers still singing. Chickadees very quiet. One Kingfisher and one Wood Pewee and ~~one~~ one Olive-sided Flycatcher heard. Russet-backed Thrush calling - not singing

On the way home we stopped just before reaching Alvarado to look at a group of gulls that were following a tractor. They were California Gulls. With them I counted 60 Hudsonian Curlew - the first time I ever saw them doing this.

1938

May 9. The Faculty Bird Section had its last field trip to Contra Costa Co. Skies were overcast and the wind cold. The first stop was at Saranap Station where we found Bullock Orioles, Calif. Woodpeckers, Yellow Warblers, Brewer Blackbirds, Mourning Doves, Western Flycatchers, Linnets, etc. At Haverlands Bee Ranch; Robins, Grosbeaks, Black Phoebe, House Wren, Vigors Wren, Yellow Warblers, Spotted and Brown Towhees, Western Bluebirds and Linnets by the hundreds. All the trees are filled with bird houses with openings on the floor. Occasionally one is used by a wren if the floor is large. The Vigors Wren had its nest under shingles which covered a pipe about two feet from the ground and young were calling lustily. A Goldfinch was sitting on the nest we watched being built on Apr. 19.

We went on to the Sunset Nursery in Alamo and on the bank of Walnut Creek found a marvellous place for birds. Here we added Lazuli Buntings, Cassin Vireos, Song Sparrows, Thrashers, Wood Pewees, Ru. Thrush, Pileolated and Lutescent warblers & the Grosbeaks, yellow warblers, Linnets etc. Once I thought I heard the notes of the Chat. One Grosbeak had lost its voice and sang with very thin notes.

At home again I found a full-plumaged W. Tanager just outside the kitchen window. The Western Flycatcher is building at the top of the drain pipe outside my room. They gave up at Mrs. Parsons house.

(later Allen Hummers)

May 10. The Willow Section went to Tilden Park for the morning. It was a beautiful fresh sunny morning and all the birds were singing. Just east of the Spruce St. Reservoir on the road which goes to the bottom of the canyon we found a Lazuli Bunting singing. We had excellent views of it: also of the Anna Hummingbird which came back over and over again to the same perch. Quail were giving the guard whistle. Song Sparrow, Spotted Towhees, Brown Towhees, Nuttall Sparrow, Gb. Goldfinches, Purple Finches and Linnets, Pileolated Warbler. At the bottom of the canyon there were many birds in the trees along the stream. Pileolated Warblers were in conflict (two males, one female?), House Wrens, Warbling Vireos, Juncos, Bush-tits, Vigors Wren, Song Sparrows, Western Flycatcher, Grosbeaks, 7 Buzzards sailed over on set wings. We went down to the lake which has been dammed and is bordered with willows. One Yellow Warbler and two Tolmies and many Pileolated and Lutescent warblers were heard and a Black Phoebe. One Western Tanager caused a great thrill. Pine Siskins were heard frequently and both Jays were seen. Also Titmouse, Wren-tit Russet-backed Thrush and a Wood Pewee was heard. Still no Hutton Vireos.

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May 11. I watched a robin picking up worms in the street. She picked up over thirty, holding them all in her beak. Suddenly she twitched her head and lost several but picked them all up again. Her mate has two white feathers in his tail.

May 13. Mrs Fletcher's Group went to Reliez Valley where we found an ideal spot for birds. Large oaks along a stream, open fields beyond. Twenty-six species were seen at this one spot: Buzzard, Redtail, Sparrow Hawk, Quail, Mourning Dove, Calif. Woodpecker, Slender-billed Nuthatch, Wood Pewee, Western Flycatcher, Bullock Oriole, Brewer Blackbird, Redwinged Bb, Titmouse, Bush Tit, House Wren, Swallow (Tree? or Valley?), Warbling Vireo, Linnet, Gr. Goldfinch, Spotted Towhee, Lazuli Bunting, Grosbeak, Chipping Sparrow, Song Sparrow, Russet backed Thrush, Allen Hummingbird, Ash throated Flycatcher. Warm day. There were many pairs of Orioles.

May 14. On the way to Boulder Creek we passed again the Alvarado ponds but there were practically no birds except Cinnamon Teal and Mallards seen. Nearer Dumbarton Bridge we saw a few Bonaparte Gulls and one Willet. At the bridge a decreasing number of N. Phalaropes and a very few Sandpipers. Two Surf Scoters from the bridge.

Cloudy with some wind. Rain in evening

1938

May 15. Boulder Creek. Rained all night and most of the morning. A wonderful chorus of birds at dawn: Olive-sided Flycatcher, Tanager, Grosbeak, Warbling and Cassin Vireos, Pileolated and Black-throated Grey Warbler. Thrush not singing yet. Before dawn I heard the Purple Martins clearly.
Flowers; Lupine, ceanothus, broom, rock roses, roses, pink locust, sweet William, Baby-blue-eyes.

May 16. Berkeley. A Purple Finch sang at 4 a.m. then at 4:15 a Song Sparrow began, followed by a Ro. Thrush (whistle only) a Spotted Towhee, Purple Finch By 4:30 a Brown Towhee, Grosbeak, joined in. The Thrush began to sing. Then the House Wren, W. Flycatcher and Warblers. By 5:20 the dawn chorus was ended and very few songs were heard at breakfast I noticed a pair of Cal. Jays building a nest outside the kitchen.
At 9:05 Mrs. Williams group went to Saranap Station where we found a Long-tailed Chat in full song. He sang continuously from 9:30 to nearly 11 a.m. when we went on to Mrs. King's ranch. After lunch we went to the Sunset nursery.
The list for the day was: Buzzard, Redtail, Sparrow Hawk, Quail, Mourning Dove, Calif. and Willow Woodpecker, Nuttall Woodpecker (heard), Brewer Blackbirds, Meadowlark, Bullock Oriole, Calif. Jay, Violet-green and Cliff Swallow, Anna and Allen Hummingbirds, Western Flycatcher, Wood Pewee, Slender-billed Nuthatch, Wren-tit,

Warbling Vireo (building a nest), Cassin Vireo, Lutescent, Pileolated and Yellow Warblers, Titmouse, Russet-backed Thrush, Western Tanager, Robin, Long-tailed Chat, Linnet, G.b. Goldfinch, Bh. Grosbeak, Chipping Sparrow, Brown & Spotted Towhee, Lazuli Bunting, Song Sparrow

The Slender-billed nuthatch alighted in the roadway (macadam) to pick at droppings which contained something stringy (for nest?) Blackbirds attacked the Redtail and Sparrow Hawks. The Proprietor of the Sunset Nursery said a Chat there began singing every morning about five o'clock.

May 18. The jay's nest near the kitchen windows is finished.

May 19. 20. We visited Mrs. Jump at her 200 acre ranch at Alta, elevation 4000 ft. It was early spring there; dogwood and apple trees in bloom. I found Fox Sparrows and Hermit Warblers in full song, apparently located for nesting. Mrs. Jump told me they have Mt. Quail and Mt. Bluebirds nesting there usually. Chipping Sparrows, Yellow Warblers, Black-headed Grosbeaks, Green-backed Goldfinches, Juncos and Robins were in the dooryard all the time and I saw the White-headed Woodpecker and heard the Sierra Creeper.

Mrs. Jump told me that in March a flock of Evening Grosbeaks came to their chimney — a large stone chimney with large fire places outside the line of the house walls. A ledge in the stone work made a convenient place for them to alight.

May 21, Berkeley. The Lutescent Warblers which are nesting below the clothes reel terrace are busy feeding young and excited over the jays.

May 22. Boulder Creek. Summer day - Tanager seen. Hermit Thrush heard. Yellow warblers arrived at last and driving off third parties. A new pair of Olive-sided Flycatchers - the male gives a two syllabled loud call that sounds like a boy whistling to his dog; gives the usual three syl. call immediately afterward. Lutescent, Pileolated and Black-throated Gray warblers still singing, but less frequently than last week. First birds at dawn, Rb. Thrush, Olive-sided Flycatcher, Western Flycatcher, juncos and Grosbeak. Vireos and warblers much later. Several conflicts between Cassin Vireos and Coast jay.

May 24. I saw many Bonaparte Gulls along the off-shore highway-approach to the bridge.

May 28. A family of Lutescent Warblers near the pool!

May 27. I heard Robins at Ben Lomond. Cloudy- with a little rain May 28

May 31. A robin was singing at our Boulder Creek place. Grosbeaks and Tanagers also. Lutescent warblers are singing constantly again. (First brood raised, second beginning?) Black-throated-Gray Warblers still singing and a Chipping Sparrow near by. No Hutton Vireos anywhere this spring. On the way home we stopped at Mt. View marsh to see if there were any waders. Killdeer were the only birds seen. At Dum. bridge 3 Caspian Terns. Very warm - Nothing else in Swallows, Bl

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June 1-2. Very warm in Berkeley. 80°.
Song Sparrow is the first bird to sing in the morning followed almost immediately by the thrush which must be nesting very near. Tolmie Warbler sings later.

June 3. The House Wren was scolding the jay.

June 4. The young House Wrens are calling loudly. Lois reported a dead jay in the street; it has been there several days. That doubtless accounts for the fact that I haven't seen a jay near the nest for several days.
Went to Boulder Creek. Still a riot of color, roses, rock roses, purple verbena, sweet williams etc. Azaleas in full bloom. The Black-throated Gray Warbler (Heard first on April 9.) is still singing. Tanagers were heard a mile below the summit of the Saratoga Grade, East slope; also at Boulder Creek. All the breeding birds are still singing, or calling W. & Olive-sided Flycatcher, Chickadees, Rb. Thrush, Warbling & Cassin Vireos, Lutescent, & Isolated, B-thr Gray and Yellow Warblers, Brown & Spotted Towhees, Purple Finch, Grosbeak, Junco, Chipping Sparrow and one Song Sparrow. Occasionally a Kingfisher is heard. Hummingbirds were not noticed this time. The Allen has been conspicuous for several weeks.
Beautiful weather.

June 6. Mrs. Fletcher's group went to Lake Tahoe. I went in Mrs. Pepper's car with Mrs. P. and Mary Lewis a different way from any I had known, via Marsh Creek and Borden Highway to Stockton, then to Lockeport, Eldorado, Placerville, American River. We stopped first at the east end of the Marsh Creek road where we watched a pair of Ash-throated Flycatchers. As we crossed the valley we saw the W. Mockingbird, W. Kingbird, Cliff and Barn Swallows, W. Bluebird, Robin, Linnets, and heard Redwings, meadowlarks and Brewer Blackb. Brown Towhees. The most striking find was a Western Tanager, male in full plumage, on a weed stalk near the Borden Highway - no trees near - At noon we stopped in the foothills above Ione where the hills were covered with Blue Oaks - Birds were very abundant: Valley Quail, Mourning Doves, Buzzards, Nuttall Woodpecker, Calif. Woodpecker, W. Kingbird, Wood Pewee, Calif. Jay, Titmouse, Wrentit, Vigor's Wren, W. Gnatcatcher, Warbling Vireo, Yellow Warbler, Long-tailed Chat, Oriole, Grosbeak, Lazuli Bunting, Spotted and Brown Towhees, Linnets, Chipping Sparrows. In the grassy country above Ione the Horned Larks were perched, facing the wind, on the barbed wire fences. Sometimes I could count 25 in sight at once. An occasional Lark Sparrow was seen also - There was much snow above Strawberry - The lake looked less blue than usual as the air was not very clear. Some snow above Emerald Bay. At Rubicon Beach the first bird was the Mt. Fox Sparrow and the Mt. Quail was whistling. Most of the region was burned over some years ago. Some large

red firs stand high among the manzanita bushes which cover the ground. The manzanita was in full bloom, also the squaw carpet, a creeping ceanothus with blue flowers.
The night was surprisingly warm.
The Mt. Quail seems to nest as early as the Valley Quail!

June 7. Clear, warm. We had breakfast outdoors at 8 a.m. About nine o'clock we started out for a walk among the woods to the South where we found many birds in full song. The Yosemite Fox Sparrows and Green-tailed Towhees were abundant in the manzanitas and in the wood we found the Mt. Chickadee; Hammond, and Olive-sided Flycatchers and the W. Wood Pewee. Yellow and Pileolated Warblers were abundant and a few Audubon Warblers were heard. Warbling Vireos and W. Tanagers were everywhere and we soon found the Hermit Thrushes in full song. There were two not far apart, vieing with each other in song. Both Sierra Juncos and Chipping Sparrows were singing and the Cassin Purple Finch was heard. Calliope Hummers were on the edge of a wet meadow and the Blue-fronted Jay was occasionally seen or heard. A few robins were about — not too many. Late in the morning we heard the Mt. White-crowned Sparrow and a warbler whose song I did not know. Later we learned it was the Calaveras Warbler.

At 3:10 a.m. the Tree Swallows began to twitter.

a Wright Flycatcher flitted from bush to bush among the manzanitas near the Fletcher House. About 3 p.m. we drove up to Mrs. Hamlin's house, about four miles beyond Tahoe City. There we saw an Evening Grosbeak and heard many other birds. Along the way, near The Hut, we found a pair of White-headed Woodpeckers, and near Tahoe City a pair of Mt. White-crowned Sparrows. Just as we left Mrs. Fletcher's house a Woodpecker of the Hairy type went through the trees near the house.

June 8. We packed up lunch and started to Nevada via Bijou, State Line, Kingsbury Grade. We stopped at Miss Gorman's camp to leave Joan Fletcher for the day and were shown a robin's nest on a beam which supports the roof. The parents were feeding young in the nest. The view over the Minden Valley was surprising for there was such a large part of the valley overflowed and very green. As we turned toward Genoa we saw many Black Terns fluttering over the marshes; Yellow-headed Blackbirds were everywhere and a Bittern and several Canada Geese were seen as well as a pair of Cinnamon Teal and a Pintail. We reached Genoa at 12:30 and while we were deciding on a lunch place we saw a Lazuli Bunting and found a

1938 Minden and Genoa, Nevada.

Oriole's nest in the lower branch of a large Cottonwood Tree. During lunch we saw Wood Pewees, House Wren, W. Vireo, Yellow Warblers, Robins, Meadow Lark, Brewer Blackbird, English Sparrows, Cedar Waxwings (heard), Linnets, Gr. Goldfinches, Spotted Towhee, Black-headed Grosbeak. As we tried to cross to Minden on the road near the end of the Kingsbury Grade we came upon deep water over the road so returned to Genoa and crossed there. At a stop, we explored a small field that had been drained and planted to grain. The dykes were covered with wild roses 6-8 ft high and in full bloom. At least three Long-tailed Chats were singing wildly in different parts of this hedge. Just beyond it young Black-billed Magpies were squealing for food. Several Song Sparrows were singing.

At the ranch near Minden a Fulvous Tree Duck was on the pond, Also ~~a pair~~ Two male Cinnamon Teal, two Canada Geese, a pair of Coots leading young through the reeds. The young had red only on the heads - Yellow-headed Blackbirds were thick and a Yellowthroat was singing. Several Sea Gulls were seen

It was too late to stop in the sagebrush. We returned via Clear Creek Grade. At Tahoe Meadows there was a great deal of land covered by water. Just back of the beach cottages I found two Spotted Sandpipers (one without spots) and a Killdeer. On the

Rubicon Beach

shore there were two Mourning Doves!

At the French Bakery ~~near~~ at Bijou, birds have been fed all winter at a window shelf. Mrs. Pepper told me the birds had come in droves during March when everything was under snow. A few still come. We saw W. Tanagers and chippies on the shelf and an Audubon Warbler was near by.

June 9. I went out about 6:30 a.m. and found a Tolmie Warbler in the manzanitas in full song. We watched the swallows in and on the piles near the Pennoyer pier and found they were Tree Swallows. They had no white on the rump and the dark blue of the top of the head came down below the eye. A Blackbird had a nest on the broken side of one of the piles.

At noon we took our lunch to the newly created Bliss-Rubicon-Park - a beautiful place just around the point from Emerald Bay. There we found the Calaveras Warblers. The ones nearest Emerald Bay sang a song softer than that of the yellow warbler and divided into two parts. Those near the camps all sang a louder song with the quality of the yellowthroat: Cheerie, Cheerie, Cheerie, Cheedle, cheedle, cheedle: they often alight on a dead branch or on the tip of a small red fir. Later at Meek's Bay we stopped a few minutes among the aspens where we saw another Spotted Sandpiper and found an unfinished nest in an aspen tree. Since a pair of Red-breasted Nuthatches came near it we judged it was to be their nest. The only Song Sparrow we discovered in the Tahoe region was singing there. In the morning we were surprised to see a Marsh Hawk fly over.

Total June 6-10, 39 species.

June 11. I returned with Mrs. Watts via Donner Pass. We lunched at Mrs Jump's at Alta but could not find the Hermit Warbler. The Tanager and Fox Sparrow were there still. The young robins had left one nest; another nest still contained young. It was necessary to deliver a student who came down with us at a ranch above Winters. Some rice is grown there and we saw Blue Herons and American Egrets there. Cool. Very windy through Fairfield etc. Fog in Berkeley.

Berkeley

June 11. Foggy The Blue Jay is brooding so my guess was apparently wrong. The young House Wrens are very clamorous and the parents scold all the time the Blue Jay is near; when she goes back to the nest the scolding changes to the purring sound. At 10 a.m. we went to Boulder Creek where we found the garden in good condition and still full of flowers. Godetias and Clarkia beginning; also Blue gilia. Tanagers were very conspicuous.

June 12. Boulder Creek A pair of Tanagers were giving a note I was not familiar with. They went dashing through the oaks east of the house. I heard the Black throated Grey Warbler sing once or twice. Mrs. Darwin and I walked through the Santa Cruz Grove. It was so quiet and peaceful. I saw no one until we were nearly through when a young man hurried by. The ground cover was beautiful and Clintonia still in bloom. I heard the call notes of one Hermit Thrush but no song. Creepers were singing. Cool with high fog until 10:30

June 13. Berkeley When the House Wrens were scolding the Jay a Thrasher joined in and then a Humming bird. A Russet backed Thrush called - no song. I found the lining of the W. Flycatchers nest hanging by a hair a foot below the nest site. Cold fog.

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June 14. Clear, warm. At dawn the Western Flycatcher was the first bird to call so they have perhaps built a third nest near by. The Grosbeak began a little later when the Spotted Towhee and Song Sparrow were singing.

June 15. Clear, warm. Wrens still feeding young in nesting box.

June 16 Wrens are gone. Warm.

June 18. We went to Boulder Creek. Wild Lobelia still in bloom near Alvarado - Tanagers still conspicuous at Boulder Creek. I heard the Black-throated

June 19 - Gray Warbler singing several times. Many families of young birds: Chickadees, Juncos, Pileolated Warblers. I had no time to watch them as we had such a short time and all the plants needed water. An Olive-sided Flycatcher perched on our electric wire and darted out for flies. Warm a.m. Sudden change at noon. Snow – Sierras

June 20. Berkeley. The Blue Jay's nest seems to be deserted and looks as if it had been torn to pieces. At noon I saw a Coast Jay alight on the post near the lower terrace. Finally he hopped to the ground and picked up a fairly large object and flew down the hill with it. I wonder if he destroyed the Calif. Jay's nest.

House Wren was singing near box early a.m.

A family of very young Bush-tits east of house.

June 21. Saw male House Wren enter box - Is it the same male with another mate?. The brood which left June 16 has not been seen since. Heard W. Tanager in afternoon -

June 22. House Wren at box about 9 a.m. The following birds are singing near the house: Thrasher, Grosbeak, R.b. Thrush, Spotted Towhee, Brown Towhee in Mrs. Person's garden (no mate?) Song Sparrow, Junco (below house), Lutescent Warbler, House Wren.

A group of Bush-tits seemed to be of two ages - some gave adult notes, others the call of young birds - Two families united in flock? Warm.

June 23. Many families of young birds about: Bt. Parus Juncos. Bush-tits (thirty in one flock - all able to feed themselves so far as I could see - no calls of young birds). A Hutton Vireo was singing just east of the house - the first I have heard since the heavy rains of March. A few minutes later a family of Vireos was in the garden - I think they were Hutton Vireos but I was interrupted before I could verify it. Lois saw a family of very young quail below the house.

June 25-27. Boulder Creek. High fog early in the morning, clear by 7:30 or 8:30 a.m. Warm with fresh breeze. Ocean and Monterey Bay covered with fog and fog below Felton until

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nearly noon and I don't know how much longer. The pair of Tanagers constantly near the house. Black-throated Grey Warbler has stopped singing. Families of Chickadees, juncos, bush-tits. Olive-sided Flycatcher often on the electric wire, Black Phoebe also on June 27. Goldfinches came to pool frequently. Grosbeaks seldom sang, Rb. Thrush often. Hermit Thrush heard from the cottage (singing on mountain across the highway) and also on the top of Ben Lomond Mountain. Wren tits, Warbling Vireos Wood Pewees, Purple Finches on the summit.

When we returned to Berkeley we found it had been foggy and cold most of the time.

June 28. We looked into a thrush's nest in a blackberry vine at 39 Canyon Road which Lois discovered last week. The nest was empty. Brown Towhees have a nest in an ivy on the lattice at Mrs. Parson's back door (29 Mosswood Rd) The birds must be feeding young as one of the adults collects food here and carries it in that direction

June 30. Heard a Hutton Vireo just east of house. Russet backed Thrush sang freely in middle of the day.

July 1. Lois found a Screech Owl's nest in a hole in an oak tree below 29 Mosswood. One young bird on the gro

July 2. The young owl was still on the ground so Lois wrapped it in something warm and left it there before going to Boulder with us.

July 2- Drove the new Buick to Boulder Creek. Light rain when we started and cloudy all day, even at Boulder Creek.

July 3. Boulder Creek. Heard a tanager call several times from the large trees across the river. None were seen near the house.

July 4 A Black-throated Gray warbler sang beyond the garage but I could not find it. I have seen it so many times fly from the top of one high redwood across to another quite a long way off; so unless one sees it fly it is impossible to follow it unless it continues singing.

Two Olive-sided Flycatchers, probably a pair, perch on the electric wire north of the cottage and dart out to catch insects. A Wood Pewee has its perch in the dead top of a tree in the woods west of the house. A Warbling Vireo was the first bird to sing in the morning. The thrush is seldom singing. I walked up the river along the Joy Camp trail. A pair of thrushes flew across the river and a family of juncos was very conspicuous.

Juncos and Gr. Goldfinches came often to the mushroom pool and juncos took bread from the porch floor when we were at the table there. Kingfishers are very silent but I saw one going through strange evolutions high in the sky.

July 5. On the way home I noticed Robins at Saratoga and in several places in the Santa Clara Valley, increasing toward Berkeley. I have not noticed angle worms in Boulder Creek.
Berkeley

July 9. Louis saw the Brown Towhees feeding a young bird in the trees near the nest (above the owl's nest) She found the owl had died.

July 11. I heard the Hutton Vireo again near the house. The Russet-backed Thrush still sings occasionally. I hear very often a very soft whee-ee. ~~This may be the note of the young thrush~~. The Thrasher sings frequently and I hear again a phrase which I heard last year which suggests the song of the European Blackbird. I have not heard the Thrasher give it before this year. Hummingbirds are abundant in monkey flowers.

On the campus I heard the Olive sided Flycatcher (song), the W. Flycatcher, the Warbling Vireo — all singing still. On Tamalpais road the Nuttall Sparrow was singing.

July 12. Quite hot at Boulder Creek but breeze fresh. Very comfortable in the shade. I heard a Tanager as it crossed our place, coming from the trees near the river and stopping in the trees across the road near the redwood gate. It may have gone on to orchard trees above the meadow. It was calling frequently during its passage through our place. Birds still singing: Pileolated Warbler, Western Flycatcher, Ru. Thrush.

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Other birds heard: Coast Jays - a family, young teasing for food; Kingfisher - heard its rattle as it flew over; Olive-sided Flycatcher, pup-pip call heard frequently. Often seen
July 13. on the electric wire. Chickadees, Creeper (heard once), Cassin Vireo (chee-chee-chee) Warbling Vireo (sang a few times), Spotted Towhee, Brown Towhee, Grosbeak - call note heard and saw it several times as it flew across the opening in front of the cottage; Junco, Green-backed Goldfinch, Many notes of young birds I did not have time to identify.

July 13. Started home about 2:30 p.m. Stopped at Mt. View Marsh with tide just going out. I was astonished at the number of birds; Hudsonian Curlew - I counted 19 in one bunch that crossed the highway and many were still visible in the Salicornia. Many more were seen as we continued northward - with stops every few yards. I estimated more than 100 actually seen and probably many more in the distance or hidden.

Long-billed Curlew - a few were certainly of this species as I saw the two kinds close together for comparisons. They seemed less buffy than in the spring, the sides of the head very light grey instead. They gave the cur-lew call.

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A number of Willets were definitely seen and probably more were among the distant birds. Several small groups of Sandpipers were too far away to be narrowly identified. I think they were Least. Several Terns looked too small to be Caspian but were too far away to see color. ~~One Yellowlegs was seen~~.

At Dumbarton Bridge the tide was still in but on the salt pools at the east end there were many Phalaropes- and many gulls were resting - most in immature plumages. On a dyke in excellent light and quite close to the highway was a pair of Avocets with five very tiny young. As they walked along at the bottom of the dyke, the salt flies swarmed up about them. I think the tiny little birds were eating them. I certainly didn't see the parents feed them. The parents called frequently. Small sandpipers near them were dusky on the chest like Least. A third Avocet (a was on top of the dyke. Baby Avocets were smaller than the sandpipers -

July 16- We returned to Boulder Creek via Dumbarton Bridge. On the salt pools there were many N. Phalaropes; a few showed reddish on the throat but most were grey and white. Gulls were still very numerous; most of their miniature and very ragged as if they were moulting. The few adults seen near by were California Gulls except for two Bonaparte Gulls with black heads. All were very dumpy - only two or three were seen in flight. The three adult Avocets were seen again. I got out of the car to see them better and they became very excited, flying about and giving their alarm notes. I could not see the babies - perhaps they were on the far side of a dyke. A number of Sandpipers were at the edges of the east salt pools. I took them to be Least but could not get the color of the legs. I could only judge by size, the brownish coloration and dusky chests. A number of Willets ~~were seen~~

At ~~Dumbarton Bridge~~ Mountain View Marsh the the tide was too far out but a few curlew were near the highway, both Hudsonian and Long-billed.

July 17. There was a surprising amount of bird song Boulder Creek. at dawn and during the morning which was clear and quite hot but with a good breeze. Russet-backed Thrush, Cassin and Warbling Vireos, Olive-sided and Western Fly-catchers, Spotted Towhee, Junco, Goldfinch. Grosbeaks gave the "check" note and once I heard the a-whee-oo used with the young. The Pileolated and Yellow Warblers were not singing

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but were seen or heard calling. Very young chickadees were in the redwoods back of the cottage. Juncos picked up crumbs from the porch floor. Goldfinches came to the pool for water. Coast jays were not heard - no tanagers heard. Wren-tits which have not been detected near the cottage earlier were about all day; the male sang and the female answered. I was too busy to make sure whether there was a family group - (Company) At dusk a cloud of bush tits filtered in - from broom to rose trellis and on around the house
In afternoon a Hermit Thrush could be heard singing on the slopes of Ben L. mountain across the highway

July 18. Sun rose clear - first morning for some time. Usually a high fog disappears about 7:30 or 8 a.m. Many birds singing - same as yesterday. Before starting home we went to the West Cliff Drive in Santa Cruz to see if there were any shore birds there. Found it very foggy - I could not see the holes where the guillemots nest. A great many swallows flying about the sea cliffs; Nuttall Sparrows, Gr. Goldfinches singing, Mourning Doves on the wires. On the sandy beach I saw three Heermann Gulls with white heads. In one place two Guillemots were crouched on the sand and a third flew to a nesting hole above. A pair was seen inside the lighthouse point and this flew up to a niche where there were many droppings. I could find none

of the rock haunting shore birds; no others.
Near the summit of the Saratoga grade on the ocean side of the ridge a Lazuli Bunting was singing. Heard it in the same place on July 16.

Lois reported seeing a Spotted Towhee feeding a young bird which was perched on a branch of poison oak. The young bird showed no tail feathers and looked very young to be out of the nest.
Also a family of quail on the campus, the young perhaps a week old.

July 19. Lois saw a family of very small quail just west of the Stadium. Warm.

July 21. Many families of young out of the nest. Very young Bush-tits about. Saw a Hutton Vireo from the window.
I saw the bush-tits chasing other bush-tits when the flock was east of the house. It seemed to me that a pair had a family of young just out of the nest and a wandering flock had come into the same trees. Perhaps the parents were trying to drive these away from their young. Linnets and goldfinches fly over frequently. Linnets have been near the house more than in any season I can remember but that may be due to the abundance of wild blackberries just above our place. Blue Jays are carrying food from the table into the woods N.E. of house.

There have been no young jays near the house yet and the old birds are very silent still. I have heard the song of the jay twice this past week.

July 22. We drove down to Boulder Creek in the afternoon. We were told it was very hot (95° in shade) yesterday. Fog came in at night.

July 23. About 11 a.m we were on the West Cliff Drive at Santa Cruz. Many Cliff Swallows still tending young in the nests on the cliffs. Several Pigeon Guillemots flew in to nests or out to sea; three in view at once at one spot. ~~Herring~~ Western Gulls on the rocks. On one bit of beach we saw one Turnstone. Near the Lighthouse I found 5 Tattlers on a high point and three came into a cove farther up. On the point there were also three more Black Turnstones. Cool.

July 24. Fog morning and evening and along the shore probably all day — certainly in afternoon. Grosbeaks, Thrushes, Vireos still about. Olive-sided Flycatcher gave both calls. I think I heard an Ash-throated Flycatcher both yesterday and today. Also a Martin. Worked in garden. Cooler.

July 25. Drove home via Mt. View Marsh (no birds, tide high) and Dumbarton Bridge. On a point at the west end of the bridge were ~~two~~ ~~wing-Scoters~~ 4 ~~and~~ 30-40 Willets. On the salt pools at the east end were thousands of

N. Phalaropes, an increasing number of Least Sandpipers and Willets and one group of 9 Dowitchers. 1000± Moulting Gulls were still resting in the salt pools, adults seen were Calif. Terns in the distance were probably Forsters. A few brown shore birds among the willets I think were H. Curlew but they were too far away to make sure. Willets numbered into hundreds.

At 37 Mosswood I heard young jays calling across the road.

July 29 - Aug 1. Boulder Creek. Hot weather. Heard a Water Ouzel below the house. Visited W. Cliff Drive during afternoon of July 30. Found 7 Tattlers and 3 (Black) Turnstones. At several places where there was a little sandy beach there were groups of Heermann's Gulls, partly white heads and very red bills, following the receding tide. No Sanderlings.

Aug. 2 - 4. Quite hot for Berkeley - no fog. 80° +
Aug 5 - Chilly fog all day.
Aug. 6. Made a hurried trip to Boulder Saturday. Cool. Stopped at Dumbarton Bridge and Mt. V. marsh - At the bridge Willets had become quite numerous - Also Phalaropes and no red showed in plumage. A few Western Sandpipers as well as Least. Three adult Avocets seen in almost the same place as on July 13. Could not see young. At the marsh tide was just drawing out - I made an exact count of the curlew that were near enough to the highway so I could get the markings definitely. Eight were Hudsonian and 6 Long-billed. More farther out. Saw a number of Black-bellied Plover

Gulls everywhere, Calif. on Tideflats
More adults than before.

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many in full plumage and two Godwits. I could see Terns in the distance.

Late in the afternoon at Boulder Creek I saw a group of four Pygmy Nuthatches fly into the redwoods back of the cottage. Another one flew into a tree farther east. It is the first time I have detected them on the place, or anywhere in Boulder Creek. I have seen them at Mt. Hermon. A family of Pileolated Warblers were in the oak near the garage - young fluttering their wings and calling continuously - being fed by parents.

Heard thrasher call.

Aug. 7. Still cool and foggy, light fog, when we left at 9 a.m. Came back via Sunol & Dublin. Cool.

Aug 8. Cold fog most of day.

Aug. 10. Warm. Very few bird songs. Thrasher sang once.

Aug. 11. Bought 8 X 30 Zeiss Binoculars, Stopped at Mt. View marsh at 3:20 p.m. Tide just beginning to flow out. Lights perfect. Willets (300±) most abundant species. Counted near highway 23 Long-billed Curlew, 28 Hudsonian Curlew. About 50 Least Sandpipers, 3 Semi-palmated Plover, 1 Godwit, many Black-bellied Plover (100±) about half in full plumage. Since I could see so much farther and so much more clearly the difference in the number of Curlew was partly due to this.

Aug. 12. Very warm at Boulder Creek. At Santa Cruz in the afternoon I could find only two Tattlers and no Turnstones. Saw two Willets with Western and Heermann Gulls on the beach. Off shore I saw two Loons (Pacific?). They were diving actively. At one time one of them saw something on the surface of the water that he apparently wanted. It was perhaps 25 ft. away. He lifted his wings and beat them lightly above his back and at the same time I judge he used his feet for swimming; Using both methods of propulsion he fairly spun over the water, snapped up the morsel and settled quietly on the surface. Only two swallows, no Guillemots.

I heard the Pygmy Nuthatches again in the redwoods near the cottage. Heard Grosbeak. No vireos or warblers heard.

Aug. 13 A family of Cassin Vireos spent an hour or so near the cottage. The song was heard several times, the ordinary calls repeatedly and the call of the young bird a few times. A Black-headed Grosbeak called and Pygmy Nuthatches were heard again. 2 Pileolated warblers seen. Cooler. Very pleasant.

Aug. 15 High fog lasted until noon. A large, noisy flock of Pyg nuthatches went through - a Lutescent Warbler seen. not just one family. A Brown Towhee was seen feeding a grown youngster. Returned to Berkeley in the afternoon. Heard a Hutton Vireo at Boulder Creek - the first time this year.

Aug. 18. University work began.

Aug. 20 S.S. Drove to Boulder Creek at 3 p.m. Before leaving, in the morning, I noticed the call of a W. Winter Wren near the lower pool. It stayed there all the morning.

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Aug. 21. Boulder Creek. I heard the notes I referred to on July 11 and kept watch until the parent birds came to feed the youngster. I found it was not a thrush but a small bird the size of a warbler or small flycatcher. I think I know all the notes of the Western Flycatcher as it has nested under our porch for years. As I did not have my glasses on, the glimpse I got was not sufficient for identification. I heard the call notes of the Pileolated Warbler, Cabanis (Hairy) Woodpecker, Pygmy Nuthatches, Chickadees, Coast Jay, Brown and Spotted Towhees and Juncos. Saw a large bevy of quail. I saw two Martins near the house.

Aug. 22. Four of the "Lady Birds" were invited to have lunch with Mrs. Hellebrand in Palo Alto. We left Berkeley at 9:30 and drove to Dumbarton Bridge. As we turned from the Centerville road into the Newark Road at the Salt marsh we noticed hundred and hundreds of Swallows perched on the wires. When we examined them we found the flock to be composed of Barn Swallows and Violet-green Swallows. A few had chestnut rump patches so probably some were Cliff Swallows but they were in the minority, only occasionally one. Both Barn and V.-g. were seen on the ground where it was reddish gravel. When we returned about 4 p.m. there were a few Barn Swallows over the salt pools but the flock was gone. The tide was high when we crossed in the morning and birds were collected by the thousands on the dykes near the hills south of the roadway. A few (?) White Pelicans were in the distance and both Forster and Caspian Terns were flying about and dropping to the surface of the water. Many [illegible] ~~were~~ swimming (?) among the ducks which were numerous (Eclipse plumage, probably Pintails). On the dykes there were a great many waders but even with the new glasses I could only identify Willets accurately. As we drove on we began to see Avocets, singly - but frequently. I suppose we saw 25 altogether, perhaps more. They all lacked the cinnamon on the neck. Western Sandpipers were more numerous than Least and both becoming common but no large flocks, just scattered groups. Northern Phalaropes were not as abundant as on Aug. 6. but were scattered generally on the salt pools nearer the bridge. On the large pools north of the road there were perhaps 500 ducks. The ones I could really see well were Pintails in Eclipse plumage. Gulls were everywhere but seemed more active than last month and almost all were in mature plumage. Bonapartes were quite numerous and both Californias and Ring bills were identified. Willets were the most abundant of the waders and very noisy: a few Godwits were seen (10±) and a group of 6 Black Turnstones, four of them in immature plumage. I have never seen them in this plumage before! When we returned in the afternoon we added Black bellied Plover, most of them in full plumage - perhaps a dozen all told.

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Aug. 23. Berkeley As I left the house I noticed a soft whistled note in Mrs. Parsons garden and as I walked down the road I found three or four birds ~~the size and shape of Evening Grosbeaks~~ on the electric wire. I had to stop and put on my glasses and they flew before I got a good look but I saw one go into the big pine tree (it looked very light colored) and one was eating Mt. Ash berries. All three flew across the road and took some elder berries and then disappeared in the woods. When I came back from town as I left the garage I heard the note again and looked up just in time to see three birds fly off over the Jackson houses and disappear in the distance ~~I think no doubt, they were Evening Grosbeaks~~ immature plumage. (See Sept 6) (Tanagers)

Aug. 25. Heard a Tanager near the house.

Aug. 26. Clear. Warm. Saw a Warbling Vireo. The back looked quite olivaceous and the grey of the underparts was tinged with yellow. The white line was more conspicuous Perhaps due to new binoculars that it looked more like the Red-eyed as pictured in Hoffmann. Heard the Tanager again and a warbler which sounded like the Yellow Warbler (call note only).

Aug. 27. Went to Santa Cruz to do an errand. Later (2:00 p.m.) looked for birds on the West Cliff Drive. Heermann Gulls all have darker heads than on Aug. 13. or July 31. Western Gulls on the cliffs. Farallone Cormorants on the nearer rocks - Br. Pelicans on the Lighthouse rock - One Western Grebe kept calling constantly - double high.

pitched whistled note, a rest. then the same repeated-
He was the only grebe seen and the call may have
been given in order to attract others - Tide was
high and the only Tattlers seen were on
the top of the dry cliffs near the arched bridge
not far beyond the lighthouse (near a store)
There were 8 visible. No Turnstones. In
one of the sandy coves where I always
find Heermann Gulls there was in addition
to the Gulls one Godwit and one ~~Sanderling~~ Least Sandpiper,
the only one I have seen this fall. 1 Kingfisher seen-

Aug. 28. Quite hot at Boulder Creek after a cool
night. Cassin Vireo sang several times, a King-
fisher rattled. Heard Quail and Vigors Wren in
the garden and a Pileolated Warbler. On the way
home Tide was very high. At Mt. V. marsh I
saw two Caspian Terns and a Willet. At
Dumbarton Bridge on the Salt Pools ~~still~~
the water was rough because it was windy-
Birds were much less abundant than on
Aug 22 - no ducks; fewer gulls than in July -
but still Calif. & Ring-billed with a few Bonapartes.
Phalaropes decreasing but they may have taken
shelter where it was less windy. Several
Avocets were seen, only one with brownish neck.
One Godwit and 20± Willets near the road
but at a great distance in a shallow salt
pool many large waders (200±). Sandpipers were
much more numerous and large groups
fed in the roadway. Out of a hundred probably
25 Western and 75 Least. No Dunlin yet.

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[illegible]

Aug. 30. I saw one full-plumaged male Tanager and heard notes of another tanager near the house. A thrasher came to the feeding table for bread – the first time for several years. They have come often to the pool but not to the table.

Aug. 31. A Kingfisher gave its rattle as it flew by below the house. Warm weather; no fog for several days.

Sept. 1. Heard a House Wren and Rb. Thrush and warbler chips are frequent – which seems to indicate a southward movements of birds which have spent the summer farther north.

Sept. 3. Boulder Creek. Cassin Vireos were numerous – two singing and others giving the calls of young (chee-chee-chee). Since I have heard them each week I think they have been nesting near the house. In the middle of the morning a group of Russet-backed Thrushes came in, calling loudly and giving an imperfect quaver – Birds of the year from farther north? Pygmy Nuthatches were feeding in the redwoods ~~above~~ next the cottage.

Sept. 6. Corbelly
A Tanager flew into the tree over my head giving its "pretty, pretty" call. When it flew it gave the soft whistled note which I heard on Aug. 23.

Sept. 7. The Lady Birds took their first autumn trip along the new Ocean Shore Road to Montara and Moss Landing and Half Moon Bay. Then we crossed the range to San Mateo and ~~the~~ S.M. Bridge where we watched shore birds; then to the Oakland Airport. Clear, warm. Windy at S.M. Bridge; otherwise calm.

Birds seen along the ocean shore:
Loon (sp.?), Western Grebe, Brown Pelicans (flock of 20 at Pedro Pt.), Cormorants ab. (sp?), Pintail Duck (pool at Sharp's Park, golf course), Ruddies, one followed by three young; others near by at the same pool; ~~Redtail soaring~~ Coots (ad. and im. at Sh. Park) against the cliffs at Pedro Pt., 6 Black Turnstones, one Tattler (Moss Beach); N. Phalaropes, a few on pool at Sharps Park. Heermann and Western Gulls (Heermans with grey heads). Black Phoebe, Linnets, Willow Goldfinches; ~~Savannah Sparrow~~ at Nuttall Sparrows all along coast. Sharps Park Pool. One grebe on the pool all white head - albino?) Horned Grebe

Birds at San Mateo Bridge: A few ducks (Pintails); B.b. Plover, 30±, one full pl.; Snowy Plover 6±); Longbilled Curlew, one only. He remained on the mud flats when all the Willets & Godwits flew. Willets 200±; Least Sandpipers, a few. Western Sandpipers ab.; No red backs; Godwits 300±; Avocets 15±; Northern Phalaropes 100±; Two ~~A few~~ Bonaparte Gulls; Calif. and probably Ringbilled Gulls - not in moulting flocks as at Dum. earlier. Caspian Terns (4), Forster Terns (with white on top of head) 10±.

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Sept. 7 (contin).
At Oakland Airport;
Bb. Plover, Killdeer (ab. and noisy),
Willets, 4 Dowitchers, Godwits, 2 Yellowlegs,
Gulls (W. Calif. & prob. Ring-b.), Forster Terns (10±).
Clapper Rail, 2 seen, others heard. Also
Bryant Sav. Sp. Horned Lark, Song Sp.
We saw no Sanderling but they may have
been present on the bay shore. Sun was too
low in west to see what was there. We saw
two Marsh Hawks. Along the way; Sparrow
Hawks were seen, Bush-tits heard (S.M.) and
Brown Towhees bet. Half Moon Bay & S.M. Also
G. Blue Heron on Crystal Sp. Lake where a
dot was wandering along the shore.

Sept. 9. Admission Day. Boulder Creek. Cassin Vireo
still singing but less frequently. Pileolated
Warbler, Rb. Thrush; ~~Quite sure I heard Golden-crowned Kinglets~~ - Not so we went to S. Cruz 2-4 p.m.
Saw two Tattlers, 3 Turnstones. No Sanderling.
W. Grebes increasing (10+). Farallon Cormorants
on rocks (no Bairds or Brandts seen). A long
line of dark birds flying off-shore from Light
House Point were Shearwaters, I estimated
about 1000, flying northward - probably a
local movement.

Sept. 10. We drove home over Ben Lomond Mt. to Davenport and via No. I. to San Francisco. Foggy
at times. We lunched south of Pigeon Pt.
where there was a large tidal pool and

near it (also vid) a great company of Gulls; a few Western, more Heermanns; most of them Californias. Farther up the beach were six Turkey Buzzards feeding on the carcass of a Brown Pelican. I saw no Sanderling or any shore birds as we drove along without other stops. Heermann Gulls were most commonly seen on the beaches.

Sept. 12. While we were eating lunch in the front garden a Thrasher sang continuously, incorporating in its song the squawk, squawk, squawk of the Calif. Jay and the Chick-a-dee-dee note of the Plain Titmouse. A House Wren singing!

Sept. 13. While I was busy in the front garden about 4 p.m. a Thrasher sang continuously in the same locality as yesterday. But todays song was very different — very crude, no imitations. It sounded like the song of a bird that had never tried to sing before.

Rb. Thrush, House Wren heard. Songs of Song Sparrows and Vigors Wrens. Beautiful sunny weather. Robins conspicuous, many of the calls are of young birds.

Sept. 14. I noticed along the top of the wall bordering the front path the regurgitated seeds of berries which had been eaten by birds.

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Sept. 15. As I went out this morning I found dozens of robins gathering the abundant berries of the wild currants near the entrance steps. A few were taking the cotoneaster berries. In Mrs. Parsons garden more robins were eating the Mountain Ash berries.

The Lady Birds went to the Vallejo Reservoir and Sears Pt. marshes. Weather warm, no wind. We drove out of Berkeley by the Bayshore highway from University Ave. north. As the tide was out a little way shore birds and gulls and terns were feeding in favorable places. Near the Yacht Harbor there were many Forster Terns (20-30); all I examined showed the black line on the side of the head, the white crown. A few Bonaparte Gulls were seen. On the mud there were Dowitchers (20±), Willets (2) and Godwits (2). and Sandpipers. Sparrow Hawk near Vallejo. When we reached the Vallejo Reservoir we found Coots (ab.), Pintails (eclipse plumage), a few Ruddies, one female followed by seven young. Two American Egrets came in and were harried by Blackbirds. Both Brewer and Red-winged Blackbirds were abundant in the tules. A Black Phoebe was seen and also a number of smaller flycatchers, grayish brown on head, gray backs, two buffy wing bars; throat quite white, extending backward on sides of neck, grayish chest & belly. No notes were heard. We could see no distinct eye ring. Were they Traill Flycatchers? They were very active in the edge of the tules. Savannah Sparrows, Willow Goldfinches and near a large tree on the edge of the lake several warblers, bright yellow below, greenish yellow on back and tail, some showed buffy edges in wing coverts. Yellow Warblers? Note a sharp chip. Tule Wrens and a Vigors Wren were in the Tules and I heard the call note of a Yellowthroat. Saw Barn Swallows. Several Gulls (Calif. or Ringbills) on the lake and one Black cr. Night Heron

In the marshes near Vallejo were many Black-bellied Plover, only one in full plumage; a number of Willets and a few groups of Western and Least Sandpipers. Before we reached the terrain of the hunting clubs we saw two White-tailed Kites perched on fence posts at some distance from the road. Two of us walked up toward them and as they flew the black areas on the forward bend of the wings were very striking. When they alighted on other fence posts they tilted their tails upward several times. (When we came back later they were still there.) Several Marsh Hawks were seen, two of them very rusty underneath and almost black above and only Long-billed Curlew flew over us. When we reached the ponds we found:

Pied-billed Grebes, 6-8; (No pelicans); many Gt. Blue Herons; one Bittern (very near) and many Am. Egrets; many (1000±) Pintails (eclipse plumage); Bluebill (1); Ruddies (25±); Redbreasted Merganser (1 female); Turkey Buzzard (2); Coots (1000s), Black-bellied Plover, several flocks flying over); Killdeer; Willets 40±; a few Sandpipers; (No redbacks, dowitchers or godwits); Avocets

were massed in one of the larger ponds, perhaps a thousand or more. When a Marsh Hawk flew over them they rose and circled about and returned to the same pond. They were very striking in their black and white plumage. Some still showed cinnamon. (No phalaropes) Gulls were quite abundant but no Bonapartes were identified. (No glaucous-winged). Meadowlarks, Tule Wrens, Savannah Sparrows, Marsh Song Sparrows, Willow Goldfinches (No pipits yet)

Returned too early to see owls 41 species

Sept. 16. I heard the "kek" of a Cooper Hawk while I was dressing. I could not see the bird but the note was repeated several times. Later Lois told me she heard the note and saw two Cooper Hawks from her window at 29 Mosswood. Heard House Wren. Robins gone from garden.

Sept. 17. Left Berkeley at 10 a.m. for Boulder Creek. Went to Brookdale Lodge for lunch, arriving in a shower. Beautiful afternoon in our garden. Heard Pygmy Nuthatches and Golden-crowned Kinglet.

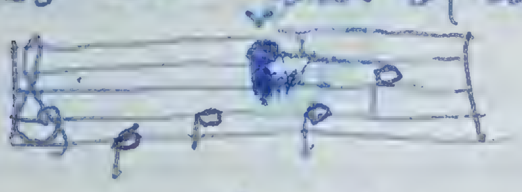
Sept. 18. Beautiful day. Birds less abundant. Heard a wee-ee-ee note of a vireo Hutton (sp.?) at Boulder Cr.

Sept. 19. Cloudy most of day.

Sept. 20. Clear. House wren still here.

Sept. 21 A number of small migrants in oaks, warblers and vireos — not definitely identified. No call notes.

Sept. 22 Saw a vireo with a very light breast. Warbling — no call notes. A thrasher sang all day, beginning as soon as the fog cleared away, about 9:30 a.m. At first there were several repetitions of the phrase so like that of the European Black Thrush



but I did not hear it again during the day. This was the only thrasher singing near the house, most of the time across Mosswood Rd. above our house. But from my bedroom window I could hear one singing farther up the canyon.

In the late afternoon I watched Western and Least Sandpipers, feeding on the mud flats north of University avenues on the bay shore. At one time one bird alighted on a half submerged barrell and almost immediately a dozen others tried to alight on the same barrell. Gregarious instinct?

Sept. 25. Santa Cruz. Sanderling 200-300; B. Turnstones 10

Sept. 26. Heard a Cooper Hawk about 6:45 a.m.

Sept. 27. First shower. Heard Audubon Warblers and a Western Flycatcher (swée-ét)

Sept. 28, 29. W. Flycatcher and warblers and Vireos numerous. Thrasher sings most of the day. Black-thrush phrase; also imitations of quail. House Wren heard.

Sept. 30. Heard many White-crowned (Pugetensis) Sparrows singing in a field near Avon Rd. about 4:30 p.m. Flicker calling near home.

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Oct. 1. We drove to Boulder Creek via Dumbarton Bridge. As we drove along I could hear White-crowned Sparrows singing in many fields. When we came to the bay we could see about 1000 White Pelicans toward the south where they always congregate. Some were on the dykes and some on the water. There were several Gt. Blue Herons near them and a number of Pintail Ducks. On the middle salt pools on our right (N.) were great numbers of Gulls resting. There were some Bonapartes but most of them were Calif. or Ring bills. I think there were as many as 2000, many with their heads under their wings. In the last pool there were many Eared Grebes (100+) and a number of Pintails. At the very end I saw a group of 6 N. Phalaropes. Several Cl. Rails. There were occasional Willets and a few Least Sandpipers in different places.

At Mt. View Marsh the tide was too far out for the best results but I saw near the highway a number of Bbs Plover and Killdeer, 7 Long-billed Curlew and as many Hudsonian, many Willets; one Lesser Yellowlegs which was very close to a Willet and decidedly smaller than the Willet (J.T.A.). Sixteen Dowitchers were bunched together with their heads under their wings; one Avocet was seen.

at some distance a large group of grey birds and brown birds were at rest on the mud. I could see the red and black bill of one of the brown birds and judge that most of the group were Willets and Godwits. At cottage Purple Finch sang a long whisper song.

Oct. 2. At Boulder Creek: rain during the night and early morning. I heard a Russet-backed Thrush call several times. We left at 10:30 a.m. and up toward the summit of the Saratoga road, west side, I saw a flock of about 50 Band-tailed Pigeons. There were robins between our place and the highway. (James said he saw three two weeks ago, Sept. 17).

At Mountain View Marsh there were fewer birds than yesterday. I saw no Hud. Curlew and only half a dozen Longbills. A few Bb. Plover + Killdeer, two or three Willets, no Dowitchers, two Lesser Yellowlegs, many Least Sandpipers, two Clapper Rails. I could not see any large groups in the distance. On both days the difference between high tide and low tide was only a little over a foot, and high tide was only 4.3 ft.

At Dumbarton Bridge Eared Grebes had increased enormously (600±). Very few N. Phal. (10±), only a few gulls (perhaps 100), a few Pintails, very few shore birds, but still a great many White Pelicans. No redbacked Sd.

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Oct. 3. Cool after the rain. Flicker heard again. Mrs. Hamlin reported Hermit Thrush.

Oct. 4. Warmer. Pugetensis singing above the Stadium and Golden-crowns near house. Heard the call note of a Fox Sparrow. House Wren heard again. At 6:30 a.m. a Vigors Wren sang its full, clear song.

Oct. 5. Beautiful day. Lada Birds went to Lake Merced then on to Mountain View Marsh (1-2 p.m.) then back via Dumbarton Bridge. At Lake Merced we found Flickers very abundant; two large groups of Quail; Black Phoebe, Anna Hummingbird; Vigors Wren, Tule Wren, Audubon Warbler, Meadowlark, Linnets, Willow Goldfinches, Spotted Towhee, Nuttall Sparrow, Puget Sound Sparrow, Goldencrowned Sp. (one only) Song Sparrow. Western, Eared and Pied-billed Grebes (not ab.), Coots (ab.), Florida Gallinule (1), Bluebills, Baldpate. As we went on along the Skyline Blvd. we saw eight or ten hawks - Sparrow & Redtail.

At Mountain View marsh there was an abundance of birds near the highway as tide was just going out. Many Killdeer, Bb. Plover, Long billed Curlew (30+); Hudsonian Curlew (10±); Willets (ab.), Lesser Yellowlegs 6±; Least and Western Sandpipers, Long-billed Dowitcher 10±; Godwits (20±), Avocets 6, 2 Clapper Rails, 1 Pied-billed Grebe, 1 Blue Heron.

A flock of pipits came in and alighted on the mud and several Bryant Sparrows were near the road. At Dumbarton Bridge there were many Sand pipers (W. & L.), some Willets and Bb. Plover and several Clapper Rails on the mud at the West end. After crossing the bridge there were no birds along the shore but on the salt pools Eared Grebes (400±), N. Phalaropes (3), Willets (200±) bunched in shallow water, resting (no Godwits with them so far as I could see) a few sandpipers but no Redbacks. Some Calif. & Ring billed Gulls and one Bonaparte (no large groups), several Forster Terns, White Pelicans (600±) American Egrets (200±), many Gt. Blue Herons 1 Cormo., 1 Coot, 1 Marsh Hawk, 1 Shrike, 1 Burrowing Owl, Flickers, 1 Horned Lark. Several pipits, a flock of Brewer Blackbirds, and two Audubon Warblers and a flock of Puget Sound Sp.

We went around the south end of the hill where the quarry is and found we could get much nearer the pelicans. From that point we could see the Egrets. A few of them seemed smaller and may have been Snowy. It was on this hill where there are old century plants, some Toyons and a few acacias and Eucalyptus that we saw the shrike, flickers. And W. Sparrows and B. Owl.   52 Species.

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Oct. 6. Shower 11:30 a.m. - 3 p.m. Soon after the skies cleared I saw a Cooper Hawk fly past the bath room window. When clear of the trees it began to rise in circles until I could barely see it; then I caught a glimpse of a flight southward when it disappeared entirely. Sometimes it flapped its wings at two points in the circles, sometimes once and sometimes it almost completed a second circle before flapping - I suppose it took from 5-7 minutes to rise to a height of 1200-1500 ft.

Golden-crowned Sparrows increasing.

Oct. 8. I saw a Hermit Thrush at the pool.

Oct. 9. Boulder Creek. A Kingfisher was rattling. Purple Finches sang sotto voce. Pygmy Nuthatches heard. Hermit Thrush "chuck-chuck"-ed. On the way home we drove through the Big Basin where I heard a W. Winter Wren at the Inn. At Dumbarton Bridge Willets were abundant. I saw six Rails. The Eared Grebes were very abundant but I saw no Phalaropes and no Dunlin. The Thousand Pelicans were very striking with the sun shining on them. There were many Forster Terns.

Oct. 10. The Thrasher sang at 6;30 just outside my window. At 8 a.m. a Ruby-crowned Kinglet was calling and a little later a Fox Sparrow was singing. Many G. S. Whitecrowns and G-C. Sp. singing in the distance. Oct. 11. Saw 11 Wood Ducks on S.P. Reservoir.

Oct. 12. Heard G-c Kinglets. Summer day.

Oct. 13. Birds very abundant - Hermit Thrushes calling repeatedly. Lois brought in one yesterday which had been killed by flying into the window. Fox Sparrows, Juncos, Crowned Sparrows, Aud. warblers, R-c Kinglets.

(Heard both Coast Jay and Calif. jay singing sotto voce)

Oct. 14. Cloudy, threatening. I went with Mrs. Hamlin and her sister to San Pablo Reservoir to see the Wood Ducks. In the end we found three but the colors did not show under such a cloudy sky. We found a gate unlocked and walked down nearer the edge of the water but they were very wild and flew though a group of pintails remained. Just east of the end of the reservoir we found a large aggregation of birds on both sides of the road:: Quail, Flickers, Calif. Woodpeckers, Slender-billed Nuthatches, Titmouse, House Wren, Aud. Warblers, Lbr Goldfinches, Linnets, Puget-S. Whitecrowns, Spotted & Brown Towhees. During the morning we saw two Cooper Hawks, two Marsh Hawks, a Redtail & a Sparrow Hawk. There were many Coots and pintails and some baldpates, and several Eared & Pied bill Grebes.

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Oct. 15. A northwest wind drove away the rain and reduced temperatures so it was quite chilly. At Boulder Creek it was quite windy and cool. At Santa Cruz all the Heermann Gulls had dark heads and there were many Sanderling at the usual place. Cormorants as usual.

Oct. 16. Boulder Creek. A light frost in the early morning. A Purple Finch sang continuously for a long time - sotto voce. Have heard it each week end for three weeks. A crested jay came to the bird pool. Many juncos. Planted daffodils.

At Dumbarton Bridge on the way home Willets were the most abundant species; Eared Grebes next. Many Bb. Plover, Several Clapper Rails. No white Pelicans. No stops. Clear warm day.

Oct. 17-22. Growing warmer. Audubon Warblers very abundant.

Oct. 19. A western winter wren appeared as I was watering the rhododendrons at the bottom of the garden. From the rhos. he went into the pile of oak branches under the N.W. porch and then on past the house.

Oct. 20. Lady Birds went to Calaveras Dam. Stopped at San Pablo ~~Dam~~ Reservoir but found no Wood Ducks. They may have been on the north side of the res. as men were working where we saw them before. We saw a large group of Canada Geese, many ~~wood~~

Pintails, Coots, a few eared Grebes, a Gt. Blue Heron and an Egret. Along the way Linnets, Green-backed Goldfinches, W. Bluebirds, were often seen on the electric wires; also an occasional Sparrow Hawk or Shrike. Many Brewer Blackbirds. Puget Sd. White-crowns abundant. Calif. Woodpeckers and both Jays - often seen. After leaving the main road east of Sunol we saw a large group of Yellow-billed Magpies alight in the top of a Sycamore tree. At the ~~dam~~ reservoir we saw Audubon Warblers, a House Wren, a Sharp-shinned Hawk and two Redtails. On the water were several Eared Grebes, three Gt. Blue Herons and two or three gulls - Hills very dry.

Oct. 23. Stopped at Mt. View marsh on our way back from Boulder Creek. Tide was exactly right at 3:00 p.m. Reading of tide table Low. 4:33 - 1.7 / High 10:54 - 6.0 Cloudy with some rain. Birds were more abundant than at any time this fall and very near the highway. I watched one Long-billed Curlew bathing. He was in ~~the~~ water deep enough to cover 2/3 of the leg. He bent forward, thrusting his head under water for a second and throwing the water back over his body. This he did over and over again, frequently lifting his right one foot to scratch the feathers at the top of the left leg. When he was thoroughly wet

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he lifted both wings and shook the feathers free of water. As he waded out his breast feathers looked very wet. His bathing must have continued three or four minutes.

Birds seen: Black-bellied Plover ab. scattered on mud.
Killdeer, many.
Long-billed Curlew - four or five.
Hudsonian Curlew 20-30 - very pinky rust on breast.
Willet - ab. but not outnumbering other birds as heretofore this fall.
Greater Yellowlegs - 2
Lesser Yellowlegs - 1 - not much larger than dowitchers near-by.
Least Sandpipers a few
Rd-backed Sandpipers a few (first seen)
Long-billed Dowitchers 16.
Western Sandpiper (I did not see any close enough to identify.)
Marbled Godwit - much more abundant,

At Dumbarton Bridge.
West end: Clapper Rails - 12-15
Sandpipers and Bb. Plover -
presumably also Willets. Light bad
East end Salt Pools: Eared Grebes - 53±
Avocets 200+
No pelicans.
Pipits
Horned Larks -

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Oct. 24. The Faculty Section explored the lower campus. Clear, a light north wind. Warm. The most abundant species was the Audubon Warbler. They were everywhere. Several Ruby-crowned Kinglets were seen and heard, and once I heard a Golden-crowned Kinglet but could not find it. One Hutton Vireo was singing on Woolsey Creek. Other birds were: Calif. Quail, Anna Hummer, Flicker (several), Calif. Jay, Bush-Tits, Vigors Wren, Hermit Thrush, Robin, Spotted and Brown Towhees, Junco, Nuttall Sp., Puget Sd. Sp., G.c. Sparrow, Song Sparrow. 19 sp.

Oct. 25. Ten ladies joined a Tuesday group which spent the morning at Codornices Park. Weather very warm. No wind. Birds very abundant but certain species were missing, perhaps due to the fact that grassy hillslopes have been cleared. Audubon Warblers were the most abundant species. Ruby-crowned Kinglets were plentiful and we saw the red crown and heard the song several times. A flock of Bush Tits joined in the alarm when a Cooper Hawk rose above them. Just as we were separating someone spied a flock of large birds soaring against the hill. They turned out to be White Pelicans and numbered about 60. They were soaring for height and so long as we could see them headed north west. A Western Winter Wren called many times. He was very near us but in such thick brush we could not see him. Sparrows were scarce and no goldfinches were seen.

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Oct. 26. Dense fog.

Oct. 27. Foggy. Crowned Sparrows decreasing

Oct. 30. Stopped on way home from Boulder Creek at Mt. View marsh at 11:34 a.m. Tide was out but since it had been raining all night and was still raining there was considerable water near the highway. One Clapper Rail was outside the fence within six or eight feet of the car. And close views of the other birds listed were easily obtained. Red-backed Sandpipers were present in numbers and with them were both Least and Western. Dowitchers too were in larger numbers - perhaps 40 altogether. Black-bellied Plover and Willets were less abundant than heretofore and also Longbilled (3+) and Hudsonian (6) Curlew. Godwits were abundant (40+). I saw no Yellowlegs or Avocets.

At Dumbarton Bridge at 1:00 p.m. the sloughs were empty water (west end) and nine rails (Clapper) were seen. Also many Sandpipers. On the Salt Pools at the East end about 200 Eared Grebes. 1000 Willets (loafing in shallow water) and a great many Redbacked Sandpipers (mixed with Willets). I saw no Avocets or Godwits but light was poor because it was so cloudy. No Pelicans.

Nov. 1. The Tuesday Group went to the East Shore pools where they became familiar with Bonaparte Gulls and Forster Terns. There were about twenty Terns and perhaps 40 of the Gulls. Other gulls seen were Western, Ring billed and California and one Glaucous-winged. A few Ruddy Ducks were on the pool and several Farallon Cormorants. Least Sandpipers at Pt. Fleming.
Two hours between showers.

Nov. 2.

The Lady Birds went to Bay Farm Island. On the ~~[illegible]~~ sloughs near the bridge (Alameda) was a large group of Least and Red-backed Sandpipers. I could detect no Westerns. On the Bay Shore where the highway comes out to the shore there was a large assemblage of birds – most of them asleep on the sand, waiting for the tide to draw out. On the dry sand several (6-8) Snowy Plovers were running about. Bunched on the edge of the water were pale gray Sanderling (200±), Red-backed Sandpipers (200±) Black-billed Plover (75±) and a few Least Sandpipers. The Red backs were more active than the others. Occasionally a group would rise and circle away. Farther on there was a solid mass of Willets and Godwits – all with their heads under their wings. When we honked they popped their heads out but only for a few seconds. A second

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honk had no effect. Two Hudsonian Curlew were seen and three or four Ruddy Turnstones, the first I have seen this fall. Eared and Western Grebes were common. No Loons. The only ducks seen were three female white-winged Scoters, four Pintails and about the same number of male Ruddy Ducks. When we walked along the edge of the estuary behind the airport we could see great numbers of shore birds on the opposite side - Godwits Willets, Bb. Plover and Sandpipers. A perfect day for shore birds. Clear, no wind, light N.W. Not only Sanderlings and Dunlin hop on one leg when they wake up - Bb. Plover, Willets and Godwits do it too.

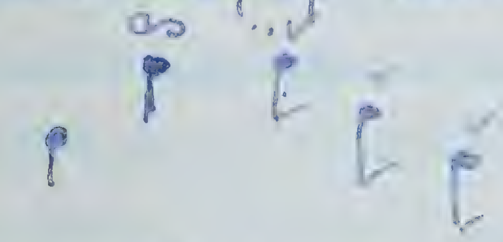
Nov. 3. Varied Thrushes in woods west of house.

Nov. 4. Varied Thrushes in woods east of house. Precipitating for all day

Nov. 5.

Brilliantly clear with north wind. Drove to Mrs. Jungfo's ranch at Alta. Mountains very clear. Could see the mountains at south end of Lake Tahoe from Dixon to Weimar. They were white with snow. At Alta very few birds. Robins were eating seeds of Dogwood. Heard a woodpecker (Harris?), chickadees ruby-crowned kinglet. Juncos have been ab. Cold at night with frost.

Nov. 6. We drove on to Cisco. Between Emigrant Gap and Yuba Pass we came to snow. Highway had been cleared but snow on each side. Very wintry. Aspens bare except one clump in protected place at Carpenters Flat. Willows yellow to russet. Returned to Alta and started home at 11 a.m. Warmer, less wind. Birds scarce. Heard Kinglet & Flicker above Colfax. Saw Calif Woodpeckers below. Birds increasingly abundant from Auburn down. Heard song of Gambel Sparrow at Davis:



Nov. 9. Rain at night.

Nov. 10. Clear. Walked up Strawberry Canyon and back by the upper Titus Road, coming out above the top of Panoramic Way. Especially noticeable was the scarcity of songs: only Wren-tit and Thrasher heard. Also sudden decrease in Audubon Warblers — very few were seen or heard. On Nov. 8 they were still abundant near the house. One winter aggregation consisted of Juncos, Bush-tits, Townsend Warblers, Aud. Warblers, Titmouse, Ruby-crowned Kinglets. As soon as we reached the Deodars on the upper hill slope we found Golden-crowned Kinglets. Near the Soil Erosion plant a Hawk flew up from near the ground but disappeared before I could identify it. Birds seen or heard: Redtailed Hawk, Sparrow Hawk, Anna Humming, Flicker, Black Phoebe, Coast & Cal. Jays, Titmouse, Bush-tit, Wren-tit, Vigors Wren, Thrasher, Hermit Thrush, G-c & R-c Kinglets, Hutton Vireo, Aud. & Town. W., Gr. Goldfinch,

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Nov. 10 (contin) Spotted & Brown Towhees. Pt. Pinos Juncos,
Gambel, Puget Sd. and G.c Sparrows,
Song Sparrow. 20 species

Nov. 11. Clear, cold. First frost of season.
In the afternoon we drove to Boulder Creek.
Nov. 12. Very cold night with heavy frost in the morning. Bird Pool frozen solid. Warm in sunshine. Finished planting daffodils. Birds: Sparrow Hawk, Chickadees, Pygmy Nuthatch, Black Phoebe, Hermit Thrush, Juncos, Spotted Towhee.
On the way home I saw eight or ten flocks of juncos feeding at the edge of the highway between Boulder Creek and Saratoga. Very cold drive home.
Nov. 13. Warmer, clear. Heard Titmouse sing before I got up — "Sweet, sweet, sweet, sweet" Wrentit sang. Also Varied Thrush. Flock of quail in the garden. No Audubon Warblers.

Nov. 14. Faculty Bird Section went to the Bay Shore. Tide going out. At Fleming Point:
Bonaparte Gulls very abundant, all in
winter plumage.
Clapper Rails 3
Black bellied Plover, a few 6+
Willets " " 8+
Red-backed Sandpipers very abn.
Sanderling " "
W. and L. Sandpipers ~ a few

Killdeer, Meadowlark, Linnets, Willow Goldfinch, English Sparrows, Puget Sd. White-crowned Sparrows.

We drove southward along the shore to Ashby Ave. Bon. Gulls, Calif. Gulls, 1 Glaucous-winged, Calif. & Ringbilled. 2 Am. Egrets. Many ducks: most of them too far out for identification. Ruddy Ducks and Bluebills nearer in. Western Grebe seen.

At the Pools: Eared and Pied-billed Grebes, Farallone Cormorants (very ab.); Bon. Gulls very ab.; Ruddy Ducks, Bluebills and 4 female, 1 male Canvasback — 10 Am. Egrets. Clear, cool.

Nov. 15. The Tuesday Group went to Orinda. Warm, clear. Birds very abundant; esp. Slender-billed Nuthatch, Titmouse, Cal. Jay, R-c. Kinglet,

List: Red-tailed Hawk (near S.P. Reservoir)

Calif. Quail, 1 Say Phoebe ("), Black Phoebe, Calif. Woodpecker, Nuttall Woodpecker, Flicker, Calif. & Coast Jay, Hermit Thrush, Robin, Aud. Warbler, R-c Kinglets, Vigors Wren, Titmouse, Sb. Nuthatch, Wren Tit, Bush-tit, Linnet, Gr. & Willow Goldfinch, Brown & Spotted Towhees, Juncos, Puget Sd., Gambel, G-c. Sparrows

Water birds on the reservoir has increased very much: Farallone Cormorant, Eared Grebe, Am. Egret, Blue Heron, Pintails (very ab.) Bluebills, Ringnecks, Ruddies, Canada Geese (very abn) Killdeer, Coots (ab.)

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Nov. 20. Clear, warm. At Mt. View marsh at 2 p.m., tide just going out:
Black bellied Plover - a fair number - scattered.
Long-billed Curlew - 10± near highway
Hudsonian Curlew - 10± " "
Willet - many scattered
Yellowlegs (sp.?) - one.
Least Sandpiper - scattered flocks
Red backed Sandpiper - abundant
Dowitcher - abundant
Western Sandpiper - a few
Godwit - very abundant.
Avocet - 20-40. A few pintails.
It was impossible to estimate totals each species as the birds were scattered over the whole marsh as far as we could see. Numbers refer to those near the highway. I believe 10,000 would not be too large a number for the total of all birds in the marsh.

Dumbarton Bridge:
West side: Clapper Rails numerous.
Sandpipers - no stop made
East side: Eared Grebe - five large groups (200±
{Willets } one group on
{Sandpipers } a long sand bar.
Godwits - none
Avocets - one large group - 50+.
White Pelicans - 2
Am Egrets - 20±
No ducks.

Nov. 21. Beautiful weather. Heard a House Wren in the Jim Hutchinson place. Ruby-crowned Kinglet and Titmouse singing.

Nov. 22. East wind in canyon. Tuesday group went to Alameda and San Mateo Bridge. No wind - Very pleasant, clear day.
First stop, Alameda side of Estuary -
W. & Eared Grebes Bon. Gulls, Red-backed and Least Sandpipers, White crowned Sparrows (Puget)

Second Stop. Bay Farm Island - Shore of Estuary.
Clapper Rails - perhaps 15 at high tide.
Coots - Killdeer
Gt. Blue Heron Grebes (western, Eared, Pied bill)
Bonaparte Gulls. Bluebills, Ruddies, 2 Canvasb.
Pipits, Bryant Sparrows. 1 Vigors Wren (in a pile of rubbish on the shore)
Marsh Hawk, Ferruginous Roughleg (soaring high, long broad wings with white windows on upper surface) Sparrow Hawk.
Meadow Lark, Brewer Blackbird,
One diving duck with a fish in its bill looked like a Merganser. A broad headed bird crouched in the sedges seemed like a Short-eared Owl.
Third Stop ~~Alameda~~ Oakland Airport - Bay shore
Sanderling, Red-backed Sandpipers.
Fourth Stop. Airport. Shore of Estuary:
Whitewing-Scoters,

(over)

Fifth Stop: San Mateo Bridge, east end. The gate at the north was open so we drove off the causeway. In the salt pools: Avocets (60±); Willets 50±, Godwits (10±) bunched; Yellow-legs (Lesser) 2, Least and Red-backed Sandpipers ab. B-b Plover a few. Bon. Gulls – 20±.
When the tide began to pull out birds flew across to the Bay Shore, coming in from all directions. Even Avocets came to the shore. A number of Forster Terns appeared – One American Golden-Eye flew over.

As we drove away the ladies in the other car saw three birds which from their description must have been Long-billed Curlew. About 34 species.

Nov. 23 – Nov. 27 Clear with occasional north-east winds. Nov. 25 at Mountain View Marsh, tide coming in. Birds abundant, esp. Dowitchers, Red-backed Sandpipers and Godwits. One White Pelican, one Lesser Yellowlegs seen. Only two Long-billed Curlew seen. Twenty minute survey. At Dumbarton Bridge Eared Grebes were very abundant. No Avocets seen at either place.
Nov. 28. Cloudy, some rain at night. Increase in R.C. Kinglets + Fox Sp.
Nov. 29. Cloudy. No rain. Tuesday Group went to Lake Merritt, first to the Embarcadero where Canvasbacks, Ruddies, Bluebills were abundant; many Pintails and Baldpates.

One young male (?) Golden Eye and one Redheads was seen. The Redhead was in the crowd of ducks that came for food. At the fresh-water feeding place Pintails were most ab., then Baldpates. One European Widgeon was present - unbanded. No Shovellers except one small hybrid with a definite spoon-bill. A number of Mallards. Bonaparte Gulls ab., also Ring-bills and a few Glaucous-wings. One Western Grebe was noticed and several Eared Grebes - many Farallone Cormorants and on the Island several Night Herons -

As we drove home Lois spied a bird in a small garden on Chabot Rd. at the end of Broadway. It was a Virginia Rail which kept close to the foundations of the house. When it came to the front steps it climbed up over the bricks onto the steps and went across to the other side. We found it behind some marigolds against the foundation but it came out into plain sight several times before it disappeared behind a trellis in the back garden.

Nov. 30. Cloudy with heavy rain after lunch. About 11 a.m. I watched an aggregation of birds near the pool: 3 Spotted Towhees (2 ad. males), a flock of juncos, 2 R.c. Kinglets (one showing crown), a Townsend Warbler, a Willow Woodpecker (in low hazel), 3 Fox Sparrows and a Song Sparrow. A note of the Varied Thrush attracted me to the window (low, single chuck)

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Pair of wrentits singing near house.

Dec. 3. Rain and heavy fog - Great Horned Owls calling at night

Dec. 4 Clear - Wrentits singing " " " " " "

Dec. 6. Heavy tule fog - " " " " " " "

Dec. 7. Saw several Varied Thrushes in the pines above Mosswood Rd. Lois saw two Great Horned Owls on the electric poles on Mosswood Road.

Dec. 8. A W. Gnatcatcher was calling east of the house. As they usually come into the small Black Oaks just over our line I watched these trees and sure enough the Gnatcatcher came into one, stayed a moment then flew out toward the west. Warm.

Dec. 10, 11. Boulder Creek. Birds very abundant: Quail, Kingfisher, Black Phoebe, Chickadees, R-c. and G-c. Kinglets, wren-tits, Hutton Vireo, Robins, Varied Thrushes, Hermit Thrushes, Cedar Waxwings, Juncos, Fox Sparrows, Spotted Towhee, Brown Towhee. Madrone Berries abundant. Very cold at night (28°?). Clear.

Dec. 11. At Mountain View Marsh at 3:30 pm. Tide very high. Saw 2 Clapper Rails outside fence. 2 Spoonbills in distance. Many Gulls. (Only two mice on fence wire above water)

At Dumbarton Bridge - in westernmost salt pool Eared Grebes (300±) Bonaparte Gulls (100+): Both feeding on surface of water and one flock a massed group of both species together. In the next pool there were thousands of Shore birds - Sandpipers, Bb. Plover,

Willets and Godwits. As I did not have my binoculars I could not study them in detail.
Two Am. Egrets west of the bridge. 1 Ruddy Duc on the bay. Cold, clear.

Dec 12-15 Cold east wind.

Dec. 16. Warmer. No wind. About 4:30 p.m. I visited the bay-shore ponds to see an Old-Squaw Duck reported by Mrs. Kelly. It was with a group of Ruddies and Bluebills but kept its head under its wing all the time. I could see the white body feathers, the dark spot on the side of the head and the dark grey wings.

Dec. 17. We drove to Boulder Creek stopping at Dumbarton Bridge where we saw great numbers of shore birds and Eared Grebes in the salt pools (tide high 6 ft.) Bonaparte Gulls were present but less abundant. All three Sandpipers, Willets, Godwits, B.b. Plover were present in large numbers.
At Mountain View Marsh we had to wait for the tide to withdraw. All four wires on the fence were above water and the salicornia patches too but no mud visible yet. Birds were collected mainly on a higher patch of salicornia at some distance from the highway. The first ones to come near were Least Sandpipers that found a footing in the salicornia and found food even before the mud was exposed. Then single willets began to appear; then a flock of Dowitchers; then Godwits and both kinds of Curlews. A flock

of Avocets came into the open water and a number of Pintails and a few Shovellers were present. Just as soon as the water was shallow enough so the birds could get a footing each part of the marsh was occupied. A few Lesser Yellowlegs were seen. Bb. Plover were less abundant than heretofore. Since the tide was right both Curlew were seen to advantage – Hudsonians more numerous near the highway. All three Sandpipers were seen. Western seemed to probe more than the Least, the Least keeping to the edge of the water right next to the highway. Two Black Turnstones were seen – the first time I have seen any in the marsh, I think.

Returned to Berkeley after a few hours at Tempre Verde (warm, cloudy)

Dec. 18: Light rain alternating with East wind.

Dec. 19. 20, Rain.

Dec. 21 Drove down to Boulder Creek and back.

At 3 p.m. we stopped at Mt. View Marsh, four and a half hours after high tide at Ft. Point (5.8 ft.) Much mud exposed but tide not too far out for good results. Enormous numbers of Sandpipers, all three kinds. Much mass movement, flying, wheeling, turning, alighting, feeding. Dowitchers – flock of 16 near fence; Black-bellied Plover many single birds. Willets many, Long-billed Curlew – Hudsonian Curlew – not so many near the highway but abundant

farther out. Flocks in flight - 20-30 -
Godwits - scattered on muds - ab. Yellowlegs,
2 seen, one certainly smaller than Willet.
Avocets 100±, Pintails a few, one Ruddy.
A very spectacular sight - so many birds everywhere and so many flocks rising, wheeling, settling - Sometimes they looked ~~like~~ as great waves on the beach, when the surf is high. Cloudy - Some wind -

Dumbarton Bridge. The usual Eared Grebes - No shorebirds except on mud flats at west end where there were some plovers and sandpipers - several Cl. Rails. No stop -

Dec. 25. We put out a wreath made for the birds. On it were apples, nuts, bread, and suet. Within half an hour the Song Sparrows and Fox Sparrows were eating the suet. Beautiful weather.

Dec. 26. Warm, clear. The Titmouse was singing several phrases and a Varied Thrush sang in full tone -

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Jan. 2 As weather seemed propitious we started to Boulder Creek but changed our plan and drove to Carmel and on to the Big Sur. From Gilroy on it was cloudy and at the Big Sur it was raining gently. We spent the night at the 17 Mile Drive Cottage Court. Along the shores from Carmel south gulls were very numerous but no other birds were seen as we drove along. I was not sure I could see the otters but I saw what may have been otters, swimming just below the surface, close together, at the place where they have been seen this past year.

Jan. 3. It rained a little during the night but not after we were ready to start on to Boulder Creek. There were pigmy nuthatches calling in the tops of the pine trees at the campground.

At Moss Landing I saw no shore birds. But there was one male Red-breasted Merganser in full plumage, just above the highway bridge. It was very striking with its black head with its double crest, red beak, white neck, red breast, white underparts, and red feet. When I came too near it rose and circled then flew across the bridge just in front of me, showing the basal half of the wings white. Very graceful diver-

Jan. 3 (contin).

At Santa Cruz, West Cliff Drive, the waves were dashing over the tops of the cliffs so there were no gulls or cormorants, or pelicans on the usual rocks or cliffs. In one very deep cove I saw about a dozen Sanderling following the waves as they receded. There was very little sand uncovered as the tide was very high. I was looking for Heermann Gulls but found none. The only gulls ~~seen~~ seen were in one group on the water outside the breakers —

We stopped at the cottage for lunch and I rested there in the automobile until 2:45 when the sun disappeared over the mountains. Clouds of Pine Siskins flew from the alders. Varied Thrushes, Robins and Hermit Thrushes abundant —

Returned to Berkeley.

Jan. 4 Wrentits sing every morning outside my window. Rain at night.

Jan. 5 Raining. Thrasher sang a few phrases

Jan. 6. Clear.

Jan. 7. Clear. Titmouse singing. Thrasher, Wrentit. We drove to Boulder Creek and back. Clear until 3 p.m. then increasing cloudiness. Kingfisher, Chickadees, Juncos, Br. Towhees Robins, Varied Thrushes.

On the way home from 4:23-4:40 at

Mt. View Marsh. Tide just drawing out so birds were very near the highway and just as abundant as in November and December.

Pied-billed Grebes. 3

Dowitchers - many outside the fence

Red-backed Sandpipers }
Least " } all abundant.
Western " }

James blew the horn occasionally and each time a flock of a hundred flew out from the edge of the water just under the highway.

Curlews. I saw more Long-billed than Hudsonian. Perhaps 20 to 3.

Godwits were scattered on the edge of deep water as far as I could see.

Willets - not outnumbering other species as earlier in the winter.

Black-bellied Plover - single birds at intervals - many calls heard.

Lesser Yellowlegs - three seen near road.

Avocets - no large flock but single birds in many places.

Killdeer - many - very noisy.

Ducks: Pintails, Canvas backs, a few

Clapper Rail - one about six ft. from the car.

Dumbarton Bridge: Huge flock of Br. Blackbirds.

West End - Rails, Willets, Plover & Sandpipers

East End. Eared Grebes - of large groups, 300+

Shovellers 50-75. Shore birds resting in salt pool. Too dark to identify.

Short-eared Owls on fence. Pipits

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Jan. 6-12 Continuous mild clear weather, occasional east wind at night. Birds patronize the feeding table almost constantly. Song Sparrow sings frequently and the Thrasher in the early morning. Titmouse is often heard giving its "sweet-at" call

Jan. 14. Lois and I drove to Palo Alto. On the way we saw the usual Sparrow Hawks, Blackbirds, Redwing (one), Gulls in plowed fields, one Turkey Buzzard and a little later a group of 9 Buzzards on the ground (near the Salt Works). At the bridge we found many shore birds in the first salt pool: Blb. Plover, Willets, Yellowleg., Least, Western and Red B. Sandpipers, Dowitchers, Godwits. As we approached the bridge proper the usual flocks of Eared Grebes. On the south side of the road there were a number of Avocets swimming about like Phalaropes and picking insects(?) off the surface of the water. A bunch of nine Golden Eyes were near the Avocets but I saw no diving. On the return trip we saw many Shovellers and Bluebills. At the east end in the first pool to the north an immature Redtail was perched on a sign. When I blew the horn he circled about and alighted on the other side of the road. One Amer. Egret was seen.

Jan. 15. Heavy tule fog filled the whole valley as far as Saratoga and from there over the mountains clouds were thick. We stayed for lunch at the cottage and returned in the afternoon. I saw Varied Thrushes and heard a large flock of siskins on the place; otherwise birds were few – berries gone. On the way home we took the Sunol road. On each side of Dublin I saw huge flocks of crowned sparrows by the roadside.

Jan. 16. Clear and warm again

Jan 17. Song Sparrows are singing again. Many juncos come for food and robins are numerous; sometimes come to bathe

Jan. 18. I walked down to Telegraph Ave and I noticed song sparrows in full song in several places. In each case two birds were within hearing of each other, each apparently holding his own territory. Jan. 20 Colder. Cloudy

Mrs. Kelley reported a nest of bush-tits being built

Jan. 21 East wind but clouds clearing away. We drove to Boulder Creek for the day only. It grew warmer and clearer and by 2 p.m. the sun was shining brightly and it was warm. It strikes inside the rose trellis now. Birds on the place were abundant as we drove in, robins, Varied Thrushes, Hermit Thrushes, Chickadees, juncos, Hutton Vireos. We found leaf buds on the dogwoods we brought down from Alta Nov 6. On the way home we stopped at Mt. View Marsh as the tide was just right for best observations. Birds were scattered all over the mud as far as we could see and the light was excellent. There were many more Western Sandpipers than at any previous time this winter far outnumbering the Least. I could find no Redbacks. Possibly they were out where the water was deeper. Dowitchers were abundant, more abundant and more scattered than heretofore. Both Long-bills and Hudsonian were present — I could find only a few Hudsonian (3 or 4) but 10-12 Long-bills near the roadway — Godwits were abundant! also Willets and Bb. Plover. A group of 4 Yellowlegs flew in together in a bunch and alighted near a willet. They all looked smaller than the willet. After a few minutes of feeding they all flew away together. Later I saw two other Yellowlegs, both of which looked larger than Willets near by. The threw their heads back more frequently than the smaller ones, I think. There were many scattered Avocets all over the marsh as far as I could see. Ducks were more abundant than previously. Spoonbills were numerous; many of the females showed bills almost as orange as feet. Canvasbacks (20-30), Pintails 15±; Ruddies 8.

At Dumbarton Bridge Eared Grebes as usual; 1 American Egret; Spoonbills, Golden Eyes a few; I think I saw Red-b. Sandpipers. No stop

Jan. 22, Berkeley. Sunday I was awakened by the song of a thrasher. Then the Hermit Thrush began its chuck-chucking and then a Song Sparrow began to sing. In the afternoon J. and I walked up through Hamilton Canyon (Sunny Gulch) to the top of the hill. In the usual side ravine I found a Western Gnatcatcher. Twice I heard the explosive whistle of an Anna Hummingbird. There were two flocks of Crowned Sparrows, and a thrasher was perched in the top of a dying cypress tree on the boundary of the Mann place, singing loudly. Warm sunshine.

Jan. 23. I had to get up before the birds began to sing or call. Heard Wrentits (a pair) singing after breakfast.

Jan. 24. Continued beautiful weather.

Jan. 25. Clear, warm, no wind. Lady Bird drove via Dumbarton Bridge to Palo Alto and Searsville Lake; then via Skyline Blvd. to S.F. and Berkeley. About 70 species were seen (or heard).

Western (S.F Bay), Eared (Salt Ponds), Pied-billed Grebes, Farallone Cormorants (Lake), Gt. Blue Heron, Bittern and 8 Whistling Swans (2 ad, 6 im. yg.) - all at Searsville Lake. Canada Geese (San Andreas Lake); Mallard (S. Lake); Shovellers etc. on salt pools at Dumn.

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Pintails (Salt pools at Dum., S. L. and San Andreas ab.)
1 Redhead (at Searsville, seen at distance); Bluebills ab.
Ringnecked Ducks " (10±); Am. Golden-Eye (Salt pools);
Buffle-head (1 at San Andreas); Ruddies ab.; American
Mergansers 10, on Sears. Lake – one ad. male; Sh. Sh. Hawk.
Cooper Hawk, Redtail, Marsh Hawk, Sp. Hawk; Quail (heard)
Clapper Rail (Dum.); Bb Plover, Snowy Plover 6 (Dum)
Killdeer, Wilson Snipe – one at Searsville Lake.
Lgb. Curlew, one at Dum. West end; Willets ab. at Dum.;
Yellowlegs 3; Least, Red-b. & W. Sandpipers ab.; Godwits (6+
Avocets 100+ (Dum.); Mourning Dove (heard at Searsville;
Kingfisher, Calif. Woodpecker, Flicker, Black Phoebe, Cal. Jay,
Titmouse (singing in all suitable localities); Slender-
billed Nuthatch (one near Porter); Wren-tit, Tule Wren,
Thrasher, Hermit Thrush, Robins, singing W. Bluebirds, R.C. Kinglets
(in Spanish moss hanging from Buck-eye trees); Pipits.
Waxwings (in Palo Alto); Hutton Vireo (heard at Searsville)
Audubon Warbler; Meadowlarks (singing); Eng. Sp. – (
not abundant – seen only near old ranches); Linnets
(in flocks); Spotted Towhee, Brown Towhee, Savannah
Sparrow (two at Searsville Lake – others heard);
Fox Sp.; Junco, White cr. Sp. (Nuttall & Puget.), G-c. Sp.
Song Sparrow. 70 species.

Jan. 26 Cooler. Heard a Hutton Vireo.
Jan. 27 Rain
Jan. 28 Clearing. Chilly. Boulder Creek. Warm sunshine
Jan 29 Rain Jan. 30 Clear. Jan. 31 Rain
Feb. 1. Clear with cold N.W. wind. Frost early a.m.
Feb. 2. Rain. Juncos singing
Feb. 3. Rain. Juncos and Thrasher singing

Feb. 4. Cleared suddenly so we drove to Boulder Creek and back via Dumbarton Bridge. Mt Diablo and the whole Mt. Hamilton range were white with snow and we found there had been snow at Boulder Creek during the week. Also there had been so much snow on the Saratoga ~~road~~ grade that the road had been closed. Only a little was to be seen today and none on the roadway. Between Mt. Eden and Alvarado there was a great deal of water and many gulls, Spoonbills, a few Ruddies, one in red plumage, a few coots, a few pintails, many dowitchers and redbacked Sandpipers, many Killdeer and some Black-bellied Plover were seen there. At Dumbarton Bridge Spoonbills were still very abundant and two Am. Golden Eyes - adult males in full plumage - and 50+ avocets were in the first salt pool to the north. Two redtailed hawks were there - one on the same sign post and the other on the telegraph pole near the quarry. On the last pool the Eared Grebes were less numerous, perhaps 100 altogether. They were in small groups together with Spoonbills, feeding from the surface. Blue bills and Ruddies were seen on the bay.

On the way back we stopped at Mt. View Marsh at three thirty p.m. when the tide was just going out. Birds were as abundant as any time this winter. Long-billed Curlew were much more abundant than Hudsonian; Western Sandpipers very abundant. Dowitchers and Dunlin ab. (Yellow-

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legs (Greater I think). Bb. Plover. Willets, Godwits and Avocets abundant too. I could not make sure of any Least Sandpipers.

On the bay several Western Grebes were seen and one Pied-bill in a slough - One Am. Egret near Alvarado. The usual birds along the way - Brewer Blackbirds, Redwings, Shrikes, Sparrow Hawks, Pipits, Linnets, White crowned Sparrows

Feb. 5. Rain - cold.

Feb. 6. Rain. When I came home at 8:30 p.m. I heard the tremolo of a Screech Owl. I turned the flash light on the flicker box and found him perched on the top of it. No eye-shine.

Feb. 7 Rain Three fox sparrows on the branch that holds the food containers. One was inside the cocoanut shell eating canary seed while the other two were perched near, waiting. When number one flew away, no 2. went into the cocoanut. No. 3 ate apple. They go clear inside the shell usually with head toward the opening. Juncos and Song Sparrows go inside also.

Feb. 8. The clouds had disappeared from the north so The Lady Birds decided to go to Contra Costa County. Tamalpais was covered with snow for about a thousand feet and all the mountains to the north were white. We found Diablo very white and it looked as if it were still snowing on the summit. It was very cold all day. We went first to St. Mary's College Lake where we found ~~a few Pintails, some Ring-necked Ducks~~, Ruddies, Bluebills (a few), two female Mergansers (sp.?). I was surprised to see two of these swallows ~~skimming~~ over the lake, apparently tree Swallows. Below the dam on the roof of some ~~building construction~~ Reduction plant with sprinklers on the top there were many Audubon warblers and one Say Phoebe. They all alighted on the coarse rock which covered the roof, apparently finding food there. Other birds seen were W. Bluebirds, Robins, several Sparrow Hawks, 1 Redtail, Gambel and Golden-crowned Sparrows, Hermit Thrush, Song Sparrow. In spite of the cold the G.C. Sparrow and Song Sparrow were singing.

We went on to Mr. Haverlands Bee Ranch beyond Saranap on Tyler Creek. There we saw many Calif. jays, one woodpecker (sp.?), one Flicker, robins, titmouses (spring calls), Spotted Towhee, Purple Finches (eating maple seeds), Gambel and Golden-crowned Sparrows. On the way up to the house we found a Townsend Solitaire which had a toyon berry in its beak. Later it flew down into the roadway, then up into a small bush so we had an excellent opportunity to watch it. Mrs. H. asked us to eat our lunch in the house. After lunch the Solitaire was seen again.

We went then to San Pablo Reservoir where we saw hundreds of Canada Geese, many Ring-necked Ducks, Ruddies, only four Pintails, one Shoveller. One Pied billed Grebe, two Eared Grebes, two Farallone Cormorants, one Shrike, one Marsh Hawk.

We returned to Berkeley and spent a few minutes at the Aquatic Park. Bonaparte Gulls and Sanderling were very abundant, a few Red backed Sandpipers; many Ruddies and Blue Bills (about 150 each), Canvas backs (30±); Golden-eyes (2 adult males; 15± yg. males or females). A little way north of University Ave. garbage was being dumped for a fill and hundreds of gulls were assembled in excellent light for observation. Of those in mature plumage we studied the Western, Glaucous-winged and Herring Gulls; the California, Ring-billed and Short-billed. The whitish iris of the Herring was the best identification mark for that species. A few 5 Short-bills were on the island at the Aquatic Park also and at the sewer outlet in the bay proper near the end of Ashby Ave. Here they were dropping to the surface of the water as they so often do.

Feb. 13. Still cold but clear. The Faculty Section came to the house to watch Calif. Jays, Spotted Towhees, Juncos, Fox Sparrows and Song Sparrows. Later we went to Hamilton Gulch where two Thrashers were singing, one below the road and the other in the draw at the last switch-back. A male Anna Hummingbird was perched on a wire but no Allen could be found. The gnatcatcher was not in his usual niche but I heard him below the road where he could not be seen. Other birds seen were Flicker, Coast Jay (heard only), Quail, Cooper Hawk, Titmouse (singing at Mann house), Wren-tit, Bush tit (a pair in the Monterey pines at mouth of Strawberry Canyon), Robins, Hermit Thrushes, Brown and Spotted Towhees, Crowned Sparrows (sp.?). Cold north breeze.

Feb. 14. Lois and I went into Hamilton Gulch. No Allen Hummingbird or Gnatcatcher. Much warmer. More birds singing.

Feb. 15. Heard Gnatcatcher again. No Allen Hummer.

Feb. 16. Cold east wind. Sun warm.

Feb. 17. Wind turned warm. Spring day. At 10:30 p.m. Treasure Island lighted - Sparklingly clear.

Feb. 18. Exposition opened. Holiday. James and I drove to Boulder Creek and back. We crossed from Foothill Blvd. to the lower Blvd via Valle Vista and Alvarado. In the pools there we found about a dozen Green-winged Teal - ~~more than I have ever seen together~~ - Also Pintails, Shovellers, Bluebills, Ruddies and a Yellow legs (Greater?). At Boulder Creek Kingfishers were calling excitedly and continuously - At Mountain View Marsh on the way home we were too late for the best tide so most of the birds were too far away. But there were near the highway perhaps 100 Shovellers, 150± Bb. Plover, 100± Willets, 30± Long billed Curlew. I couldn't make sure of any Hudsonian Curlew. Only a few Dowitchers and Red-backed Sandpipers, some Least and quite a sprinkling of Western but much more scattered than when the tide is right. There were no wheeling flocks - About half a dozen Godwits and the same number of Avocets were seen. Killdeer were abundant and calling excitedly as if mating were near. Weather warm, esp. at Boulder Creek where the air was clear. Acacias and Almonds in bloom, mustard and in one orchard a complete carpet of lavender pink alfilaria.

In Santa Clara I heard a mocking bird singing. In the S. Cruz. Mts. I saw a Turkey Buzzard.

Feb. 20. Still warm, light frost early a.m.
The "Allen Harmons" Walker Group went to Contra Costa Co.
first to Saint Mary's College reservoir. where we saw Ruddy Ducks and a few Ringnecked Ducks, a Killdeer, a Redtail, a pair of Sparrow Hawks, two Black Phoebes, Titmouse, Hermit Thrush, many Western Bluebirds, a Ruby-crowned Kinglet (singing), a Pipit, many Audubon Warblers, Brown & Spotted Towhees, ~~White-crowned and~~ Juncos Golden-cr. Sparrows, Song Sparrow (singing) ✓ Linnets were heard. Also a Nuttall Sparrow gave a full song - which surprised me. The Bluebirds and many Aud. Warblers were on the roof of the reduction plant where they evidently found food.

On the road across to Lafayette we saw two large flocks of Cedar Waxwings. There were many Meadow Larks singing, and we saw a number of Sparrow Hawks. At the Bee Ranch we could not find the Townsend Solitaire (seen Feb. 8) but we saw Nuttall Woodpeckers, Slender-billed Nuthatch and the Flicker - also a Shrike.

The Tree Swallows were not at the Lake nor the Say Phoebe. Other birds seen: Calif. Jay, Brewer Blackbirds, Robins, White-crowned Sparrows.

Feb. 23. The Lady Birds went to the Alvarado Ponds, where there were 50 Green-winged Teal on the open water and many more among the marsh grasses. Other birds seen there were Shovellers many, Pintails, Ruddies, Bluebills a few; a Yellowlegs (Greater). From there we went to Niles Nursery where we saw several Mockingbirds. One pair seemed to be nest building: the female disappeared in some large shrubs; the male waited near by until she came out then followed her as she flew away. After lunch we saw them again in the same place. We went on to the Leslie Salt works where we saw a dozen or more Avocets, an Am. Egret, a Black-crowned Night Heron, Red backed Sandpipers, Western Sdp. and Dowitchers, one Long-billed Curlew, many Shovellers, a few Ruddies and Bluebills and Pintails and one pair of Canvasbacks, an Am. Golden Eye. In a distant pond there were

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hundreds of waders resting (high tide); the majority were gray — Willets (or Bb. Plovers?) They were too far away for close identification. In the ponds next to the highway above Alvarado there were great flocks of coots, many Shovellers, some Dowitchers and Black-bellied Plover, and about 8 Snipe. The snipe could be seen as they flew but after they alighted it was almost impossible to see them. Killdeer very ab. More Shovellers at Baumberg but light impossible. A warm day at Berkeley all day but cold and foggy (light) south of Haywards. On the way home we stopped at Mrs. Keenan's, upper end of Hillcrest Rd., to see a Red-breasted Sapsucker which spends most of its time on an acacia tree just outside her kitchen window. It only sidled around the tree when we went too close (5 ft.). Hundreds of old holes and many fresh ones with sap running out. Mrs. K. said a warbler came often for the sap.

Feb. 24. Weather still beautiful. Thrasher, Song Sparrow, Spotted Towhee, Fox Sparrow, Junco, Rc Kinglet and Titmouse, all singing.

Feb. 25. In the afternoon I saw a female Allen Hummingbird feeding at the Cestrum blossoms at the bottom of the chimney.

Feb. 26. Brilliantly clear and cold with some N.W. wind. We drove to Boulder Creek via Skyline Blvd. from San Francisco. Almost no birds were seen because of the wind. On the return trip we crossed from Alvarado to Decoto passing the same pool we visited on Feb. 23. I counted a hundred Green-winged Teal. With this dry weather the pools are drying up rapidly.

Mar. 1. Still clear and chilly with N. wind. In the afternoon I saw a Western Winter Wren in the upper garden. It dodged the water when I was hosing but afterward came into good view.

Mar. 2. Cold with breeze from north. As I walked down Mosswood I heard the notes of Crossbills. They were in the pines above the road and after a moment a flock of twenty-five, or thirty rose, calling loudly and circled about then alighted in the big pines at the mouth of the canyon.

Mar. 4 - Green-winged Teal just as numerous at the pond near Alvarado although the pond is smaller.

Mar. 6. A little rain at last. Nothing but cold north winds since Feb. 21. A Thrasher came to the table and ate [illegible] chick-feed.

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M.E.J. and I took a walk in the rain up the hill via Hamilton Gulch. Not many birds, one Rufous-crowned Sparrow; later at the end of Mosswood two thrashers were singing, one above the road, the other below. The one above came down to the tree next to where the other one was singing. These songs became whisper songs. There was no conflict. Possibly a pair as Mr. Dyer said the female sings. In the afternoon we drove down to the Aquatic Park and around the pool. Saw 1 Pied-billed Grebe, 4 Eared Grebes, 1 Blue Heron, 3 Am. Egrets; Ducks: Golden eyes 20± but none in full plumage; Ruddies (winter plumage); Bluebills, Canvasbacks. A flock of about 50 small waders flew out from behind the island — Sanderlings I think. At Fleming Point the tide was going out. Sanderling and Sandpipers were both numerous — Sandpipers mostly Red-backs. Willets were the only larger waders, perhaps 60. There were many Bonaparte Gulls, all in winter plumage — perhaps 100. One Clapper Rail was seen. Killdeer were flying over giving their alarm calls. Ducks in the distance were Bluebills so far as I could see —

Mar. 7, 8, 9. Heavy rain. 10. Cloudy.

Thrasher sings at dawn each morning. Titmouse, Kinglets and Song Sparrows often

Mar. 11. Cloudy - No rain - Drove to Boulder Creek and back. Near Mt. Eden much land under water but no birds. Although the thermometer went down to 28° last night at Boulder it was very warm in middle of the day - no wind - air very balmy. I heard a Creeper sing and a Western winter wren was calling near the river. At Clark's Nursery where we stopped near San José there was a large flock of Puget Sound White-crowns singing. Also a flock of waxwings. Near San Lorenzo (south) a Mocker flew across the highway. On the way home we crossed to Foothill back of Alvarado to see if Green-winged Teal were still in the pond but found nothing in that pond. Shovellers were in the pool south of the road, a Yellowlegs (G.) in the meadow and Killdeer calling.

Before leaving Berkeley (8 a.m.) I heard the song of a Lutescent Warbler.

Mar. 12. Thrasher singing at dawn. Later a real chorus of song - Titmouse, Song Sparrow, Kinglet, Thrasher. Also Quail calling.

March 13. Faculty Section went to Codornices Park. Just clearing after rain all night. Not cold. Many birds singing. Trees not injured by the fire which burned the wooden cover (new) of the reservoir. I kept a census of the numbers of birds seen

or heard. Redtail Hawk 1; Quail (heard); Allen Hummingbird female seen, other hummers heard; Flicker heard; Black Phoebe, one below the rose garden; California Jays, 8; Coast Jay 1; Bush tits - 4 flocks, 2 pairs; Wren tits 8; Vigors Wrens 2 (singing); Hermit Thrush 7; Robins 3; Ruby-crowned Kinglets 7 (five singing); Cedar Waxwings 40 in two flocks but all going in same direction; Lutescent warblers 2 singing; Audubon Warbler 6+; English Sparrows a few; Purple Finch 3 singing in distance; House Finch 3+; Green backed Goldfinch 4; Spotted Towhees 7+; Brown Towhees 9; Fox Sparrow 2; Juncos 6 plus a flock; Gambel Sp. ab; Pug. Sound's a few - both kinds singing; Golden-cr. Sp. ab: singing; Song Sparrow 3+

Mar. 15. Suddenly much warmer. Worked in the garden in the morning. Ruby-crowned Kinglets singing most of the time. Purple Finches also

Mar. 16. An east wind - very drying. Still warmer

March 17. Almost constant chipping of Lutescent warblers (females?) 8:30 - 10:30. Then continuous singing of a male. Heard a Gnatcatcher in big oak west of house. Chorus of song from Ruby-crowned Kinglets, Song Sparrows Fox sparrows, Spotted Towhees, Thrasher, Titmouse Purple Finches. Even a Brown Towhee was trilling. Fog at night: the first night since Feb. 17 that Treasure Island was hidden by fog or clouds.

March 18. We went to Boulder Creek and spent the night. Weather warm, growing cloudy in afternoon, After lunch Miss Gladding and I went to Santa Cruz and looked for birds on the West Cliff Drive. Warm night.

March 19. Boulder Creek. Warm and cloudy. Spring house-cleaning. On the way home we stopped at Mt. View Marsh where I found birds very much decreased in numbers — not more than a tenth as many as on Feb. 4 and a quarter as many as on Feb. 18.

The list for the two days follows;

W. Grebes 28 at S. Cruz; Eared Grebes 50 at Dumbarton
Cormorants at " " ; Am. Egrets 2 " "
Shovellers 6 pr. at Alvarado ponds; very few at Mt. View.
Pintails 4 at Mt. View; Surf Scoters 4 at S. Cruz.
Lesser Scaup 20± Santa Cruz. Mergansers (R.b.?) 2 in the surf with a Surf Scoter at S. Cruz — both in brown plumage.
Turkey Vultures 1 in S. Cruz Mts., 5 at Alvarado.
Hawks (sp.?) (see below); Quail in Mts.;
Pheasant below Alvarado; Clapper Rails 2 Mt. V. 1 D.;
Bb. Plover, fairly abundant — 6 in full plumage.
Killdeer — a pair withdrew very quietly when I got out of the car on a bluff at S. Cruz.
Black Turnstones — 6 at Santa Cruz with Sanderling
Longbilled Curlew — 15 at Mt. View —
Hudsonian Curlew — 2 " "
Willets 50+ " "; some at Dumb.
Lesser Yellowlegs 2 " "

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Least Sandpiper - 100+ at Mt. View also at Dumb.
Redbacks - a few " "
Dowitchers 40± " "
Western Sandpipers very few.
Marbled Godwits 2 at Mt. View
Sanderlings 50+ at Santa Cruz.
Western Gulls at S. Cruz. Calif. (and Ring b.?) at Alvarado
Bandtailed Pigeons 28 flew over when we were at lunch
on Mar. 18; 10 at same hour on Mr. 19 -
Barn Owl heard at night at Boulder C.
Kingfisher heard at dusk ..
Flicker heard at Boulder
Black Phoebe " " & S. Cruz.
W. Flycatcher - one called as we drove across
first bridge north of Boulder Creek
Coast jay calling at Boulder.
Titmouse at Palo Alto -
Chickadees in flocks at Boulder
Bush-tits " " " "
Creeper - singing near cottage
Vigors Wren " " "
W. Winter " Sang once " "
Hermit Thrus - one " "
R-c Kinglet calling " " (no song)
G-c Kinglet " " "
Pipit - at Mt. View - many.
Waxwings ab. in Santa Clara Valley.
Shrike 2 on wires " " " "
Brewer Blackbirds, Meadowlarks (singing)
Linnets (in flocks), Gr. Goldfinches (flocks).
Calif. Purple finch singing at Boulder Creek.

Spotted & Brown Towhees, Juncos. Song Sparrow (singing) near cottage. Puget Sound White Crowns St. Clara Val.

Total 58 species.

The hawk was perched in an oak tree near the highway opposite the cut where rock was taken out last year on the ocean side of the mountain. I was driving and noticed it. I drew off the road and both Miss Gladding and I looked at it through 8X binoculars. The breast was toward us and the whole throat and chest was very light but the lower parts very dark. When it flew the back wings and tail looked a dark red brown. When it perched again with its back toward us the hind neck and back looked darker red brown than the folded wings. From its first perch it flew across the road to the cuts where it disappeared for a moment behind the cliff. When it came out it flew down the road and perched in a tree next the road where it comes out on a shoulder pass, at first in full view - then inside the tree. A Turkey Buzzard that flew over the tree was quite a bit larger than the hawk. The flight of the hawk was buoyant - with steady flapping of the long wings. The shape seemed more slender than a Redtail. Miss G. said the feet looked yellow.

1939 Carmel

March 20, between showers - in Strawberry Canyon. The ~~Chat Club~~ Alta Hummers, spent the morning 9:30-11:30 a.m. walking from the Stadium Runway via Canyon Rd. to the fork in the roads below the Botanical Gardens, returning by the U.C. Dairy. Birds seen or heard: Hawk (Sparrow?), Calif. Quail, Flicker, Black Phoebe, Coast Jay ab., Calif. Jay ab., Titmouse, Bush-tits (pro.), Wren-tit singing, Vigors Wren singing, Hermit Thrush (only one), Robin, Varied Thrush heard, R-c Kinglet ab. singing, Lutescent Warbler (8 singing at different places), Calif Purple Finch, ab. singing, Linnet (heard), Spotted Towhee, Brown Towhee, Fox Sparrow Junco (singing), G-c Sparrow singing, Song Sparrow singing

24 Species.

One Spotted Towhee on the hillside above the dairy was singing an unrecognizable song - Chee, Chee, Chee, Chee. There was no suggestion of Towhee quality. I think it was very similar to the song I heard at Boulder Creek several years ago.

March 21-23 - Almost continuously cloudy but very little rain.

March 24-25. The Lady Birds went to Carmel where we spent the night with Dorothy Blands and Dorothy Sheldon. Cloudy most of the time with some rain. On the way down sunshine at Hecker Pass (one stop) and Moss Landing where we lunched. Birds at Moss Landing were very abundant and interesting and the light excellent.

Carmel etc. Mar. 24, 25 (contin) List ;

1. Loon (Common? Imm.) one at Moss Landing. Large
2. Horned Grebe, two at Moss Landing - A larger area of white on the cheeks and neck; a larger head, and less trim body distinguish it from the Eared. I now know that two I saw near the coast South of San Francisco on Sept. 7, 1939 were this same species.
3. Eared Grebe, 4 Pied-billed Grebe both at Moss Ldg.
5. Brown Pelican 1 at Carmel.
6. Baird Cormorant - many at Carmel & Pacific Grove
7. Brandt Cormorant - a few " " " "
8. Gt. Blue Heron - one at Monterey.
9. American Egret - several at Moss Landing w. plumes
10. Snowy Egret - two at Moss Landing " "
11. Black-cr. Night Herons - 2 on rocks on shore at Carmel.
12. Mallard - Estero in Monterey.
13. Green-winged Teal - several pairs at Carmel River.
14. Cinnamon Teal, several pairs at Mt. Eden, 1 pr. at Carmel R.
15. Shovellers - still ab. at Mt. Eden.
16. Pintail - two at Monterey.
17. Canvas backs - ~~Mt Eden?~~ Moss Landing.
18. Lesser Scaup - Monterey " "
19. Am. Golden-Eye - several " " - all im. or female
20. Buffle Head - 2 females on Estero at Monterey.
21. White-winged Scoter several at Moss Landing & Monterey
22. Surf Scoter more ab. than 21 at " " " "
23. Ruddy Duck - Mt. Eden, Moss Landing & Monterey - some in breeding plumage.
24. Red-breasted Merganser - one full plumaged male at Moss Landing. 3 brown plumage at Monterey.

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25. Turkey Buzzard - Hecker Pass.
26. Sparrow Hawk - Santa Clara Valley -
27. Coots · Mt. Eden, Monterey, Carmel -
28. Oyster Catcher - two at the Marine Biological
Station near Monterey - in plain view
on rocks just off shore, resting and
preening. The first time I have seen them well
29. Black bellied Plover. (one in full plumage) Moss Landing
30. Killdeer, Mt. Eden, Moss Landing.
31. Surf Birds 4 - at Marine Biological Station.
32. Black Turnstones - ab. Carmel & Monterey -
33 (Wilson Snipe ? Carmel River) - two flew,
alighted and disappeared in characteris-
tic fashion.
34. Long-billed Curlew - one only at Moss Landing
35. Hudsonian Curlews - 20± " "
36. Willets - ab. at Moss Ldg. on sand spit with Godwits.
They made a pretty picture as the
two species rose and circled the lagoon
37. Lesser Yellowlegs - one at Moss Landing, very
near and decidedly smaller than Willet
38. Sandpipers (sp.?) 30-40 - wheeling - at Moss Landing
39. Godwits - ab. resting & flying with Willets
40. Sanderling - ab. at Carmel.
41 Glaucous-winged Gull
42 Western Gull
43 Band-tailed Pigeons - Blanks Home, Carmel.
44 Allen Hummingbird " " "
45 Anna Hummingbird
46 Kingfisher
47 Flicker

48 Calif. Woodpecker
49 Cabanis(?) Woodpecker Carmel
50 Black Phoebe
51 Western Flycatcher - heard at Carmel.
52. Cliff Swallow
53 Barn Swallow
54 Violet-green Swallow
55. Coast Jay.
56 Calif. Jay.
57 Crow - Carmel
58. Santa Cruz Chickadee - Carmel & St Lucy Mts.
59. Bush-tits - Carmel. A pair came to feeding table - also nine at one time.
60. Pygmy Nuthatch - Carmel. One came out hole in high pine tree at Casa Nova lot belonging to the Blanks.
61. Wren-tit - A pair came to feeding table for raisins and suet.
62. Vigors Wren - a pair came to feeding table, always creeping up through the twigs under the table and peeping over the edge. They were building a nest in a two-compartment box put up by Mr. B.
63. Thrasher. A pair came frequently to the feeding table. They also fed on the ground in the street while we stood about 15 feet away. They did not fly when an automobile passed within four feet of them. Very tame.
64. Hermit Thrush. None seen on Mar. 24. Mrs. B. thought the one that had been coming regularly had moved northward but another

1937 Carmel

Came in on Mar. 25 and 26.

65. Robin - very scarce.

66. W. Bluebirds - seen on wire along the way. especially south of Gilroy on the way home (Mar. 26)

67. Western Gnatcatcher - one on sage covered hill on the edge of river valley - Mrs. Saunders said she saw one there in January -

68. Ruby-crowned Kinglet - ab - singing

69. Pipits - near Carmel River

70 Waxwings - more abundant in the San Francisco Bay Region.

71. Shrike - in Santa Clara Valley -

72. Lutescent Warbler - Carmel.

73. Audubon Warbler - many came to the Blank's feeding table - some in winter plumage - some coming into breeding plumage -

74. Townsend warbler - several at stop in Hecker Pass; several at Marine Biol. Sta.

75. Redwings - very ab. in Carmel River Tules at dusk -

76. Meadowlark

77. Brewer Blackbirds

78. English Sparrow - center of Carmel.

79 Calif. Purple Finch - many came to table, both full plumaged males and females. very pugnacious -

80 House Finch - none on table but many heard in Carmel -

81. Willow Goldfinch - opposite Presidio in

Monterey; one in full plumage.

82. Green-backed Goldfinch

83. Pine Siskins (heard)

84. Spotted Towhee - near the feeding table but not often on it - Carmel.

85. Brown Towhee - often on feeding table.

86. Savannah Sparrow - heard singing in Carmel River Valley.

87. Fox sparrow - on feeding table - not many -

88. Juncos - ab. singing. Also at feeding table.

89. Nuttall Sparrow - very ab. - full song. First note of song much more vibrant than with our Nuttall in Berkeley

90. *Puget Sound Sparrow. I think all the white-crowns that came to the feeding table were of this variety as the songs heard there were that of Pugetensis.

91. Golden-crowned Sparrow - many came to table, some in full plumage.

92. Song Sparrow - Strange to say there were none at the feeding table and none have been seen there by the B's - There were many singing near the river.

* The immature white crowns at the table had orange colored bills - two seen.

March 26. Early morning sunny; later cloudy with rain. We went to Pt Lobos and then on to Rainbow Bridge. We saw the Sea Otters just before reaching the bridge. Drove to Berkeley by

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Mar. 26 (contin)

way of Palo Alto we stopped a few minutes at Mt. View Marsh. The tide was just coming in so a comparison of numbers of birds present was not representative. The Curlews there (12-14) were almost all Long bills (comp. Moss Landing Mar. 24) Several Bb. Plover were in full plumage. Two small Yellowlegs kept together constantly and one was much darker on the wings than the other. Heard the sharp kip. Sandpipers were mostly Western. No Dowitchers, Avocets. Only a few Godwits.

At Dumbarton Bridge the usual Eared Grebes and Spoonbill Ducks, often feeding together in a close bunch. Too dark to see if the Grebes were changing into breeding plumage. Only two or three Cliff Swallows

Rain in spots on the way home.

Mar. 27.

The "~~Chat Club~~" Afternoon went to Lake Merced and Golden Gate Park. Clear. Wind from ocean strong and cold, esp. at Lake Merced. Warmer in park.

List:

1, 2, 3 Western, Eared and Pied-billed Grebes. Some of the Eared Grebes were in almost complete breeding plumage with the eye flame colored – very striking.

4. Black-crowned Night Heron - one immature flew over
5-8 Mallards, Cinnamon Teal, Lesser Scaup, Ruddies
One pair of Cinnamon Teal on the small pool at east end of the larger lake.
Ruddies, many in full plumage -
9. Coots - very abundant
10-12 Western, Glaucous-winged - Bonaparte's - along shore in East Bay -
13. Allen Hummingbird. The trip was planned purposely to see these in abundance and we were not disappointed. A nest was found in one of the Monterey Pines at Lake Merced - the female was adding a big bunch of down.
At the lunch place on the bank of North Lake in Golden Gate Park the males were in the air about us all the time - doing the pendulum, fighting etc.
14 One Anna Hummingbird gave its explosive whistle at the bottom of its dive.
15. Flickers - several seen.
16. Barn Swallow - one seen at Lake Merced
17. Santa Cruz Chickadees - still in flocks -
18. Bush-tits - both at L. Merced & North Lake.
19. Vigors Wren, many in full song. At the Japanese Tea Garden a pair were building a nest in the mouth of a Buddha not two feet from a main path and about two ft. from the ground -

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20. Tule Wren - Heard singing at Lake Merced where we caught glimpses of it.
21. Ruby-crowned Kinglet - singing.
22. Audubon Warbler - many seen -.
23. California Purple Finch - eating willow seeds -
24. House Finch - abundant in tea garden.
25. Willow Goldfinch - one in full plumage singing continuously at Lake Merced
26. Nuttall Sparrow - everywhere ab.
27. Golden-crowned " - heard
28. Song Sparrow abundant
29. Spotted Towhee - heard.
30. English Sparrow - at Tea Garden.

At Lake Merced the wind was so strong at the East end of the lake that we could not do birding except from the car. So we did not find yellowthroats -

March 28. Cloudy, cold - I heard the Varied thrush when I got up at 6:30 a.m. -

March 30, 31 Warm. Jean saw gulls migrating.

April 1, 2. Cloudy with rain at night. J. & I drove to Boulder Creek. J. burned the rest of the brush and I worked in the garden - Flowering peach & arabis, daffodils in full bloom. On the way down we passed the Alvarado ponds - very few birds - some Spoonbills, one pintail, one Greater Yellowlegs. On the return trip we stopped at Mt. View Marsh where birds are much less abundant – great spaces of mud with no birds at all. Long-billed Curlew and Bb. Plover – the most abundant species; many of the plover in full plumage. At Dumbarton I did not see swallows though last week I saw a few Cliff S. there. Twice at the west end I saw a W. Grebe and a full plumaged Golden-eye Duck close together. Eared Grebes are much reduced in numbers; many in breeding plumage.

List: Western & Eared Grebes, Gt. Blue Heron, Black-cr. Night Heron (1 at Mt. View Marsh); Shovellers, Pintail (1), Am. Golden Eye (2); Turkey Buzzard, Redtail, Sparrow Hawk, Pheasant (♂) crossed flew across the road just in front of the car near Alvarado; Clapper Rail (3); Bb. Plover (ab.); Killdeer several; Long-billed Curlew 30± (one E. end of Dum.); Hudsonian Curlew 1; Willet 50±; (no Godwits); Greater Yellowlegs (Alvarado) Lesser Yellowlegs 2 Mt. View; Least, Redback (some in breeding plumage), Western at Mt. View – not ab.;
?✓ ~~Pectoral Sandpiper;~~ [a little smaller than the ~~Lesser Yellowlegs, white stripe over eye, buffy wash on chest, legs greyish yellow; did not bob~~] (No Dowitchers); Avocet 1 at Mt. V.; Gulls (sp?); Mourning Dove (1 near Alvarado); Kingfisher heard at B.; Calif. Woodpecker (catching insects at B.; Flicker " , Black Phoebe, W. Flycatcher, Swallows (Vg.?) high – 3+ at Boulder Creek; Coast & Calif. Jay, Titmouse (Saratoga) Chickadees (flocks at B.C.); Bush-tits (flock at B.C.); Pygmy Nuthatch (2 heard at B.C.); Calif. Creeper,
X Vigor's Wren building a nest in the redwood box at B. never finished –

W. Winter Wren singing excitedly near a rotting log on Lot 6 at Sempre Verde; Hermit Thrush (rare, one heard); Waxwings (one flock); Pipits at Dunn.; Warbling Vireo (first heard this spring. At Sempre Verde; Cassin Vireo ditto, Lutescent Warbler, Pileolated Warbler ", Redwing & Brewer Blackbirds - single pairs & flocks; Eng. Sparrows (building under tile on Charlie's Store in Boulder Creek. They got material from a blossoming acacia tree). Calif. Purple Finch (singing at B.C.); House Finch S. Clara V. & Dunn. Gr. Goldfinch, Spotted Towhee, Brown Towhee, Pt. P. junco, Puget Sd. Sparrows (ab. in S.C. Valley); G-c. Sparrow (near Haywards); Song Sparrow B.C.

62 Species.

April 3. The Allen Hummers ~~Chat Club~~ spent the morning in Codornices Park. The reservoir was being repaired (following a fire which burned the new cover) so we were working against the noise of many engines. Birds were very abundant. Permanent residents present were: Quail, Willow woodpecker (heard) Coast and Calif. Jays, Titmouse, Bush Tit, Wrentit, Vigors Wren, Robin, Eng. Sparrow, Calif. Purple Finch, Linnet, Willow Goldfinch (heard), Spotted & Brown Towhees, Pt. Pinos junco, S.C. Song Sparrow. Winter visitants; Hermit Thrush (scarce). Ruby-crowned Kinglet ab. singing; Audubon Warbler (some in breeding plumage / no songs heard); Gambel Sparrow, Puget Sound Sparrow and Golden-cr. Sparrow - all three ab. and singing. Fox Sparrow heard.

Summer Visitants; Allen Hummer (one returned again and again to the same perch) Western Flycatcher (only one heard), Warbling Vireo (one singing); Lutescent Warbler ab. singing; Pileolated Warbler (probably two); Chilly, cloudy.
Mrs. Hackley reported young bush-tits calling in nest -

April 4. Clear, warm. Western Flycatcher and Pileolated Warbler at 37 Mosswood.

April 5. Warm. Tolmie Warbler singing at end of Mosswood Rd. Fox Sparrow, Hermit Thrush and R-c. Kinglet still here. Thrasher has stopped singing. Hutton Vireo heard Mrs. Mead saw the Black-headed Grosbeak ♂ and Rufous Humming bird ♂ - Junco flocks are gone -

April 6 - Beginning of Easter Holiday We took a day's trip to Clear Lake and back. Perfect weather After we passed the summit of the pass over Mt. St. Helena we found dogwood in bloom. Noticed also a conifer

and a shrub

As we neared the Lake Co. boundary Redbud was in full bloom and looked very beautiful among the many spring shades of green - also against the blue sky. It was very abundant on the slopes as we came to the lake. We stopped for lunch on the Lake Shore and in the cattails there was a pair of Yellow-headed Blackbirds - possibly two pairs - Also Redwings, Tree Swallows and Lewis Woodpeckers. Western Grebes were calling.

April 6   1939 Clear Lake.

After lunch we drove on to Austins and visited our tiny lot. No developments - Flowers noticed Annual Lupine, White Nemophila, especially. We went on to the Log Cabin, then had to start home.

Bird List. W. Grebe ab.; White Pelican 20±; Gt. Blue Heron Turkey Buzzards (7 in one group, flying); Sparrow Hawk, Quail, Male Ring-necked Pheasant near Yountville; Coots, Gulls (sp.?) on lake; Calif Woodpecker ab.; Lewis Woodpecker (8-10); Flicker, Cliff Swallows (swarming near bridge); Barn Swallow, one; Tree Swallow, Violet Green Swallow; Calif. Jay, W. Crow, Titmouse Chickadee (on Mt. St. Helena); Slender-billed Nuthatch; 2 House Wren (one near Middleton - first one this spring); W. Bluebird, W. Gnatcatcher, Warbling Vireo, Lutescent Warbler (Napa Valley); Audubon Warbler, Yellow Warbler (heard near Austins); Yellow-headed Blackbird, Redwinged Blackbird, Brewer Blackbird, Eng. Sparrow, Calif. Purple Finch, Linnet Willow and Green-backed Goldfinch, Brown Towhee Junco, Chipping Sparrow ab.; Puget-Sd.; Gambel and G-c. Sparrows, Song Sparrows. 44 Species.

On the return trip we took the Silverado Trail from Calistoga to Napa - very beautiful.

April 7. While watering the garden I saw a Western Winter Wren in the oak branches (of tree cut down to make room for the garage.) Kinglet singing, Fox Sparrow still here. No dawn songs -

At 4 p.m. we drove to Boulder Creek stopping at 6 p.m. at Mt. View Marsh -

Birds were more generally distributed over

~~April 8.~~ the mud but the increase over last week seemed to be mainly Bb. Plover and Willets; there were no Godwits or Avocets and very few Dowitchers. Sandpipers were not abundant.

List: Bb. Plover - about 1/3 in full plumage; a few
showing black in spots - 100 s -
Long-billed Curlew - about 12 near the highway.
Hudsonian " four seen.
W. Willets - 100 s -
Yellowlegs - one - Greater I think.
Least Sandpipers - 50±
Red backed " 15±
Dowitchers 4
Western " 8±

April 8, Boulder Creek - Mr. & Mrs. McCabe with no -
Warm, summer day - No dawn chorus
but W. Flycatcher & Cassin Vireos heard early.
List: W. Flycatcher, Chickadees (no flock); Bush-Tits (pair); Pygmy Nuthatch (heard); W. W. Wren singing; Warbling and Cassin Vireos; Black-throated Gray Warbler (first time); Pileolated Warbler, Calif Purple Finch, G.b. Goldfinch (a pair flying very close together, the male singing excitedly); Brown Towhee singing - Junco.

Birds very scarce - Winter birds gone. On the way home Mrs. McCabe saw White-throated Swift on the Saratoga Grade.

1939.

April 9. Berkeley. Very silent in early morning. At 7:30 I heard the call note of a House Wren and a moment later he began to sing near the lower box. First time I have heard one in Berkeley though there has been every opportunity.

April 11. The House wren brought a mate to the nesting box near our front door, singing excitedly and clicking his bill all the time. Then they went below the house and I could hear him singing for some time. Then they disappeared. Clear. cool breeze. Less clear in afternoon

Bush-
tits at
Mrs. Hackley's
left the nest
a
& his mate
cock pheasant
in Summit
Rd.

April 12. Clear. N.W. breeze - cool. The Black-headed Grosbeak could be heard singing near the house. Still very few birds near the house - No flocks. Fox Sparrow still here. Trees have new leaves. A robin is picking up insects in the street.

The Lady Birds went to Codornices Park, Saw Anna, Allen and Rufous Hummers. Heard one R. Kinglet, saw one Audubon Warbler catching insects. Gambel and Golden-crowned Sparrows were still abundant. Of Summer Visitants besides the Allen Hummer were the Western Flycatcher, Warbling Vireo (2 prs.), Lutescent Warbler and Pileolated Warbler. Later we went to Mrs. Leavin's garden on Yos[illegible]te Rd.

Her oak trees were sprayed yesterday and yet there were large numbers of Pine Siskins and Purple Finches eating worms in the trees. Several Audubon Warblers were singing.

A bush-tits nest in poplar (or birch?) trees on Tamalpais Road was being shaken by young in the nest - both parents feeding. 28 species

April 13. Cold a.m. Sunny later. Heard Grosbeak and House wren again. In the evening a Great Horned Owl was perched at the top of the redwood tree next to the house at S. of [illegible]. It was calling repeatedly. We saw it fly away.

April 14. Birds increasing. Many Purple Finches in the oaks feeding on the worms and a pair of robins picking them up from the ground. Two juncos. A Hermit Thrush heard before 7 a.m. A Fox Sparrow came for food. G-c. Sparrows singing.

April 15. On the way to Boulder Creek we stopped a few moments at Dumbarton Bridge about 11:30 a.m. Eared Grebes in full plumage 50±; Bluebills 5; Clapper Rail 1; Bb. Plover 30+ most in full plumage; Willets 100±; Red-backed Sandpipers - 100s - almost all with black bellies. Very few Least and Western; only three larger gulls seen; 50± Bonaparte Gulls, all with black heads. They were picking insects (?) from the surface of the water; Forster Terns 2; Cliff Swallows sev., Barn S. 2; Pipits sev. Horned Lark 1

1939

April 15 (contin.)
Brewer Blackbirds, Linnets.

At Mt. View Marsh (at noon) – three hours after high tide but tide was only moderate. Much mud exposed. Birds still decreasing.
Birds seen: Clapper Rails 2; Bb. Plover, still the most abundant bird on the mud, but fewer than last week. Most of them in full plumage; Willets fewer than Bb. Plover.
a – Sandpipers in flocks of 100±. All I could see were Least; Dowitchers 10 – very ruddy; Godwit 1, Long-billed Curlew 7, Hud. 5, Gulls 3, Lesser Yellowlegs 4 (possibly one was a Greater Y.) Forster Tern 1, Barn Swallow 1, Pipits several, Bryant Sparrow 1, Gt. Blue Heron 2.

While driving along I saw an Oriole, and heard Lutescent, Pileolated and Audubon Warblers (the last singing) and 1 Yellow warbler, 1 Grosbeak and Waxwings.

At Saratoga a Thrasher was on the lawn, a Rufous Hummer was driving an Anna away from the yellow jasmine, a Downy woodpecker was calling. Linnets everywhere. Juncos singing and W. Flycatcher calling.

April 16. Boulder Creek – at dawn Purple Finch, Warbling and Cassin Vireos, Pileolated and Black-throated Gray warbler and W. Flycatcher.
A Monterey Hermit Thrush was heard singing in the usual place on the wooded hillside across the river. On the way home

I heard a brilliant song of the W. W. Wren above the town, a House Wren near Wildwood, and Black-throated Gray Warblers in three places in the San Lorenzo Valley and ~~in~~ one above Saratoga. (No grosbeaks or Olive-sided Flycatcher) The Vigors Wren was not seen or heard - probably gave up the box because the hole is so small. Beautiful weather. Wisteria, lupine (annual), nemophila, arabis in bloom. Very dry.

A Chipping Sparrow singing below Canyon Rd.

April 17 - We went to Vallejo Reservoir and Sears Point Cut-off. Very few birds at the reservoir, mostly redwings, coots and Ruddy Ducks. Twice I heard what I think was a Virginia Rail but could not see it. And in the distance I saw a Buffle-head Duck. Other birds seen there: Meadowlarks, Pipits, Anna & Allen Hummers (feeding on Eucalyptus blossoms), Tit W., White crowns (no songs - seen by Mrs. Coates); Song Sparrow, Savannah Sparrows, Linnets, Violet green Swallows, Cormorants (Farallone), Tule Wren, Marsh Hawk, Gulls (sp?) Brewer Blackbirds most active in Eucalyptus trees, Redwings in tules. After lunch we returned to Vallejo when tide was high and found a great abundance of waders, resting on little islets: Bb. Plover, Willets, Long-billed Curlew (40+), Hudsonians (2), Dowitchers (100s), Wilson Snipe (1); also one Am. Egret and one Snowy - many Bonaparte Gulls with black heads.

1939 Sears Point

Tule Wrens singing everywhere.
We walked out on a pier and from there we could look down on the birds. Along the Sears Pt. road birds were not abundant: a few Least Sandpipers, very few Westerns (could find no Redbacks - they may have been at Vallejo but did not fly as the dowitchers did, showing their white backs and rumps. D ow. were very ruddy. A few Spoonbills were in the pools and some ruddies, most of them still in winter plumage.
When we came to the Sonoma Creek bridge we stopped and there in the East pool were 8 Lesser Yellowlegs, 10-12 Semipalmated Plover and one Phalarope. One bittern seen in flight. Under the bridge were many Cliff Swallows and a few Barn Swallows. Willow Goldfinches were numerous and in full song - 38 sp. On the bay shore (Berkeley) Bluebills and Canvas backs were seen.

April 18-21. Chilly fog most of the time. There seem to be no birds nesting near-by, to the east of the house. I hear no chorus at dawn. Also there are no flocks feeding on the oakworms. A few Purple finches and an occasional junco or a few Golden crowned Sparrows in the trees and a few Robins picking up worms on the ground or on the walls.
At noon on April 21 two pairs of House Wrens came to the big flicker

box near a second story window (S.) and one pair took possession. The female began immediately to carry in sticks. James thinks he has heard an owl in there at night. A Spotted Towhee sings constantly from the tangle west of the house and I suspect a Calif. Jay has a nest near the kitchen window. A Tolmie Warbler sings occasionally at the end of Mosswood Road but I seldom hear either the Pileolated or Lutescent Warbler – usually abundant here. On April 20 both the Hermit Thrush and Fox Sparrow were here. Robins very familiar in the garden, picking up worms.

April 22. Boulder Creek. Cloudy, damp – At 6:30 p.m a Russet-backed Thrush began to call in the redwoods back of the cottage. A little later James heard it sing. Harris Woodpecker seen near the dead trees where it nests.

April 23 – Cloudy all the morning – Balmy. Birds singing: Western Flycatcher, Black-throated Gray and Pileolated Warblers, Warbling and Cassin Vireos, Olive-sided Flycatcher. Grosbeak. Calls: Kingfisher, Chickadees, Bush-tits, Hummingbird (sp.?), R.b. Thrush, Spotted Towhee. Quite a chorus at dawn.

April 25 – Berkeley – Clear with cool breeze. Heard Townsend Warblers. Bluejays building a nest in oak tree north of house. House Wrens seem to have left the flicker box – Saw female go into Titmouse box ([illegible]

1939 Alum Rock Park

Mrs Leavens reported Olive-sided Flycatcher in Tilden Park. Golden-crowned Sparrow still here but decreasing. No Gambel's heard

April 26. The Lady Birds went to Alum Rock Park for the day. Clear with cool breeze. The first stop was between Mt. Eden and Alvarado where we noticed gulls following a tractor (one ~~Bonaparte (winter plumage)~~?) several Glaucous-wings, and many Calif. and Ringbills. With them were 20-30 Hudsonian Curlew and 30-40 Black-bellied Plover in full plumage. As we neared Alum Rock Canyon we stopped among the sycamores and oaks where a Black-headed Grosbeak was inging an especially fine song with many variations. Yellow Warblers, Orioles, House Wren, Wood Pewee and Linnets were seen and heard. Chipping Sparrows in the orchards. Streams dry until we reached the hills. We stopped where birds seemed abundant and were rewarded with the song of the Canyon Wren. A little collection of rusty oil tins stood near the road and the wrens were evidently nesting inside. The head and back and lower sides were matched the rusty tin almost exactly. But the white on the throat and chest was very conspicuous. Many other birds near by - When we found a Chat singing we stopped for lunch and heard all his variations, saw him in excellent light, and saw him pick up a brown tent caterpillar, ~~such as one finds~~ Three Lazuli Buntings were within hearing and two spent much of the time chasing each other in and out among the sycamores, often perching in the mustard where the blue showed to best advantage - On the way home we went past the Oakland Airport and through Alameda in order to see the Knots which are migrating now, Saw two and many other shore birds and 30-40 Forster Terns.

Full list: Turkey Buzzards (3); Redtails 3; Sparrow Hawk 1; Quail many; Clapper Rail (near Airport); Black bellied Plover 30-40; Semipalmated Plover 8 Al; Hudsonian Curlew (20-30) + 15; Willets 20±; Knot 2; Least Sandpipers 50±; Red backed Sandpiper (full pl) 15±; Dowitcher 20+; Godwits 40±; Sanderling 100±; Glaucous wg.; Western (Al); Calif., Ring bill, Forsters Terns 30-40; Anna Hummer 1; Kingfisher 1; Nuttall W. (in park); Calif W. (colony); Ash-throated Flycatcher; Black Phoebe 1, Wood Pewee 1; Western (several); Barn Swallow Al; Cliff Swallow Mt. Eden; Tree Swallow, Park; Coast & Calif. Jay (Park); Crow (near Berryessa); Titmouse, Chickadee (upper Alum Rock Canyon); Slender-billed Nuthatch (several); Wrentit; Canyon Wren, Vigors, House; Shrike Mt. Edens.); Warbling Vireo sev.; Lutescent Warbler; Yellow, Chat; Redwing, Meadowlark, Bullock Oriole, Brewer Blackbird; Black hd. Grosbeak al, Lazuli Bunting al.

1939

April 26 (contin). Alum Rock Park etc.
Calif. Purple Finch (Foothill Blvd.); Linnet ab;
Gr. Goldfinch ab.; Spotted Towhee, Brown Towhee,
Bryant Sparrow Ab.; Junco; Chipping Sp.;
Gambel (a few in park); Golden-crowns ditto;
Song Sparrow Total 63.

April 27. Clear with cool breeze. Mrs. Leavens piloted me through Tilden Park 10-11:45 a.m. After leaving the car we walked along a trail that leads along a creek to the Caves; returned to the car and drove to the lower lake then back to the dam which is being built for another lake higher up, then home. Birds seen; Redtail (heard calling); Quail (sev. pairs). Hummingbirds were abundant. A female Anna was seen many times, twice collecting down. The Allen and Rufous (males) were seen and a pair which I think were Calliopes. The female was perched in a dead weed three to four feet from the ground and the male was towering above in a *shallow* arc. The note at the bottom of the arc was *faint* and thread like. They were *very* small and the female was greenish with only a small amount of rusty. A Cabanis Woodpecker was heard, also a Flicker. The Olive-sided Flycatcher's note was heard as soon as we reached the upper part of the park and we soon saw him perched near on the top of a cypress. (A male Anna H. above him).

A Black Phoebe was seen and Western F. were abundant. Both Coast and Calif. Jays were abundant. Titmouse (several), Bush tits, Wren-tits, House wren and Vigors Wren. (House W. more ab. than V.). A Russet-backed Thrush was whistling very faintly in one place on the stream. One flock of Waxwings; several Warbling Vireos, Lutescent (several), Black throated Gray (small flock - one seen); Tolmie's (3 singing) Orange crowned (ab.) Warblers - Black-h. Grosbeaks - one pair watched for some time, other males singing; Calif. Purple Finch (one heard singing); Greenbacked Goldfinch, Siskin, Spotted & Brown Towhees, Juncos (three singing); G-c. Sparrow (very silent), Fox Sparrow (one seen, very silent); Song Sparrows ab. 35 Species

April 29. Heard a Tanager in Berkeley (in morning) Clear. warm. Dumbarton Bridge.

The first salt pools north of the roadway were very shallow and there were thousands of Sandpipers in it. Those I could see well enough to identify were Western Sandpipers in breeding plumage. The heavier bill was noticeable. They were busily feeding and there was a continuous peeping of the multitude. I have never seen them in such large numbers before. Farther on I saw some Redbacks in full plumage. I saw about six Northern Phalaropes in summer plumage and in the last pool about 150 Eared Grebes, in breeding plumage.

1939

Apr. 29 (contin). Mountain View Marsh:
The tide (at high) evidently didn't come in high to the Highway so there was less water than desirable for good observations. Birds are still decreasing. Black-billed Plover, almost all in full plumage were scattered about and their calls were predominant. Perhaps we saw 100. Long-billed Curlew were very few; Hudsonians more numerous, about 30; Godwits 10±; Dowitchers 6; Western Sandpipers 150+; Willets very few – perhaps 10; one flock of Semipalmated Plover – about twelve. Probably more farther out

April 30. Boulder Creek. Heard a Russet-backed Thrush at dawn. Then a Tanager.

May 1. Class went to Tilden Park. Cold wind with fog clearing later. Near the Club House there was a large flock of Cedar Waxwings, most of the time in Eucalyptus trees (eating blossoms?) A Green-backed Goldfinch was building a nest in the terminal branch of an oak tree. Near the caves we found the pair of Cabanis Woodpeckers, apparently feeding young. The female came to the nest (with the male) when we first arrived. After that the male came frequently and entered the nest but the female, though visible, did not come to the dead oak where the nest i

The Yellow warbler was heard several times and the Russet-backed Thrush called ~~more~~ loudly than on Apr. 27. No winter birds. Song of Black Thr. Gray warbler heard

May 2. Clear, air cool. A Tanager was singing below the house about 9 a.m. Heard Russet backed Thrush near house.

May 3. James says he heard an Olive-sided Flycatcher near the house in the afternoon.

At 2:30 p.m. - (low of tide), I went to Fleming Point where I found shore birds abundant. A few Semipalmated Plover (3?); 8 Hudsonian Curlew 12 Willets, many (100s) Western Sandpipers, a few Red-backed Sandpipers (6?); 8-10 Dowitchers, 6-8 Sanderling. No Godwits or Bb. Plover and I couldn't be sure any of the Sandpipers were Least.

May 4. Sunny with cool breeze.

I saw a large flycatcher at the tip of a dead cypress across the road. He sallied out several times to catch an insect, returning each time to the same perch. No call heard. Probably an Olive-sided. Once he flew to the large pine tree nearby. Finally a Blue Jay alighted lower down, proceeded to hop to a higher branch each time, then went up to the tip where the flycatcher was perched. The flycatcher left just before the Jay reached the tip.

1939

There have been a few extra birds about today. An extra House Wren sang near the empty titmouse box all day, answered by the one near the front door. I was not aware of any fighting. A Pileolated warbler was singing frequently. There have been none nesting near the house — at least songs have been missing. I still hear chips of the Lutescent but no songs. The thrasher calls at dawn but I do not hear it during the day. Occasionally a Wrentit song. The Spotted and Brown Towhees came for food (Cream of wheat soaked with bacon fat) Worm droppings do not increase — Two or three robins continue to hop about the paths — very tame.

May 6. Dumbarton Bridge:
Eared Grebes. 25; Hudsonian Curlew 9;
Red-backed Sandpipers 100+ <
Western Sandpiper 100s + >
Avocets - 2 pairs -
Northern Phalaropes - 1000s. <
Caspian Terns 5
Gulls - none
Horned Lark - 1
Cliff Swallows ab. no pipits.

May 6 (Contin.) Mt. View Marsh. Tide very low.
Black bellied Plover 3; Semipalmated Plover 5;
Hudsonian Curlew 10; Western Sandpipers 40±,
(No Willets, Godwits, Yellowlegs, Dowitchers, Lg-b. Curlew)
Boulder: Heard a W.W. Wren & Hermit Thrush in late afternoon
May 7. Boulder Creek. I was awake before dawn. The
first bird I heard was the Grosbeak singing. Then the
Olive-sided Flycatcher in distance
Rb. Thrush (calls only). A little later the W. Vireo,
Tanager, Spotted and Brown Towhees, and still later
the warblers: Yellow, Pileolated and Black-throated
Gray, & Cassin Vireo, Western Flycatcher and Wood Pewee.
On the way home Yellow Warblers were heard
in many places and a Lazuli Bunting at
Saratoga Gap. Heard the W.W. Wren again near
the cottage and a Creeper singing. The
Cabanis Woodpecker was heard many times.

Mrs. Dains reported baby quail in her garden

In Berkeley (5:45 p.m.) Mr. Stratton brought a Tanager killed
by pecking the window.
May 8. The Faculty Group went to Riley Valley after
a roundabout drive through Alhambra
Valley almost to Martinez (Muir Station).
One stop at a ranch offered good birding:
A pair of House Wrens feeding young in a nest
at the top of the corner post of a building;
Song Sparrows with young out of the nest — two
pairs; Yellow Warblers, Grosbeaks, Wood Pewee, W. Flycatcher,
both Jays, both Towhees, Linnets, Gr. Goldfinches
and a Turkey Buzzard; Snake. Along the way more
Buzzards, Sparrow Hawk, Meadow Lark,
Brewer B. & Redwings, Cliff Swallows. At the
ranch in the Riley Valley where we found 26
species on May 13, 1938, there were very

few birds. House Wren was the only bird singing constantly. B. Blackbirds, 1 pr. of orioles, a junco, a Wood Pewee, a Nuttall woodpecker, Calif. Woodpeckers, a Titmouse, a Slender-billed Nuthatch and Linnets were all I could find. Water was almost a minus quantity in the creek bed; which may account for the difference. There were many more birds at Saranap Station where several pair of Orioles were building nests and Robins and a Chipping Sparrow were added to the list. At Haberland's Bee Ranch we saw also a Black Phoebe, W. Flycatcher, Wood Pewee and heard the Lazuli Bunting - the only place we heard one. Cool; partly foggy.

In Berkeley at 4 p.m. a Hutton Vireo was calling loudly.

It was interesting that in Contra Costa County we found Robins (at Saranap and Bee Ranch), Juncos (at Reliez Valley of Saranap) and Coast Jay (near Muir Station) - among the breeding birds.

May 9. Cloudy, cool. The Lady Birds drove to Clear Lake. In the marsh near Vallejo we saw four Greater Yellowlegs. At Napa Asylum I noticed a Robin on the lawn. We went up the East side of the Napa Valley over the Silverado Trail. We stopped at the usual place (two bridges) east of Napa where birds were very abundant: Buzzard, Black Phoebe, W. Flycatcher, V-g. Swallows, Slender-billed Nuthatch, Titmouse, Russet-backed Thrush (whistle); Lutescent and Yellow Warblers, Linnets, W. Goldfinches, Black-headed Grosbeak. Spotted Towhee, Chipping Sparrow and Song Sparrow. A little farther north we found orioles, Wood Pewees, Bluebirds, Calif. Jays. Anna Hummer, and at a stop about opposite Stags Leap a Lark Sparrow sang continuously from the top of a small tree. From there on they were frequently seen. The Ash-throated Flycatcher was first seen there and continued to be fairly abundant the rest of the way.

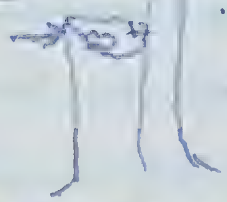
At the next stop east of Yountville we added the Warbling Vireo, House Wren, Mourning Dove, Black throated Gray Warblers, Bush tit, Gnatcatcher and a Spotted Towhee that sang an individual song of its own. At our lunch spot a little farther north on the edge of a dry creek we saw Killdeer and an Anthony Green Heron and a little later Cassin Vireo. On Mt. St. Helena I heard the Calif. Purple Finch. Ceanothus was in bloom and we saw one dogwood still in flower.

After passing Middleton we began to see W. Kingbirds which were abundant in Lake County. At Putah Creek bridge we stopped to listen to the Chat and Lazuli Buntings, and heard Cedar Waxwings.

May 10. Clear Lake - Log Cabin Taverns. All four kinds of Swallows were abundant: Cliff, Barn, Tree and Violet Green. We watched a Tree Swallow take a large fluffy feather into a hole on the underside of a branch. Orioles, Yellow Warblers, House Wrens, Blackbirds abundant near the lake.

1939 Clear Lake

We drove over to the cattails beyond Austin's before breakfast and found the Yellow-headed Blackbirds still there (see Apr. 6) and also the Yellowthroats (but Lewis Woodpeckers were not seen.) In the dry hills (Blue oaks) above the hotel we found the Wren-Tit, Thrasher, Slenderbilled Nuthatch (feeding young in a nest in a hole in a tree stump four feet above the ground



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. We tried with a flash light to see into the nest but could only see the grassy edge. We had a wonderful view of a Black-Throated Gray Warbler which was singing in low oaks, At Austins we found a Western Robin and hordes of Yellow Warblers. We drove around the hill to the east and on to Clear Lake Oaks and beyond to find water birds. W. Grebes were ab. there as elsewhere, two Farallone Cormorants were seen but nothing else. As we returned southward a pelting shower came on, From Lower Lake we drove over to Jago's resort ~~but found no water birds~~. From the top we could see four White Pelicans (Anderson's Flat),

On the way out we saw several Flickers, a Willow Goldfinch, a Tanager and Lazuli Bunting. 64 sp.

May 11. Berkeley. The Thrasher is singing again. A Lutescent Warbler is feeding young out of the nest near the bird pool. Still no songs to indicate the presence of a male

The two House Wrens sing constantly, one above the house, the other near the tower box - Both established with mates.

May 13, 14 Boulder Creek. Birds abundant; a good chorus at dawn but the Thrush hardly sings at all. In the late p.m (May 13) we drove up the Bear Creek Road to the summit. There I saw a Hawk in the same plumage (white chest, dark belly) as the one seen March 19 but it had a red tail this time. We watched the fog come in from Santa Cruz and also from Big Basin until it filled the whole valley, the top of Ben Lomond not clear.

May 15, 16. Three members of the Fletcher group went with me to Boulder Creek. From Berkeley we went via Mt. Boulevard, Haywards, Valle Vista, Alvarado, Dumbarton Bridge, Mt. View Marsh, Saratoga. In the afternoon we went to the West Cliff Drive in Santa Cruz 5-6 p.m. The next day we visited the Santa Cruz Big Tree Grove then drove back to Berkeley after 3 p.m.

List of birds seen or heard:

Loons (Com?) - Flocks passed just off shore flying
swif[illegible] northward 15 + 35 + 20 + 6 + 7.

Eared Grebe - one in full plumage in last pool at
Dumbarton Bridge.

Brown Pelican - one on bird rock Santa Cruz -

1939

To Boulder Creek & Santa Cruz. May 15, 16

Farallone Cormorants (?) Probably this species on Bird Rock and flying over water. Brandt Cormorants may have been there also. Too dark to make sure.

Baird Cormorants - Several flew by showing white flanks at Santa Cruz -

Gt. Blue Heron - near Alvarado and at Dumbarton

White-winged Scoter - two in surf. Also flocks of 4, 7, 50. One flock of six, 3 W.W. 3 Surf. flying northward -

Surf Scoters - 6 in surf - Also 2 flocks - first of 40 flying quite high at first in V formation, then becoming confused in line. Second flying as the first flock did then after becoming mixed, dropping gradually to the water where they alighted.

Mallard (?) Near Alvarado a large duck with white tail flushed from under a R.R. bridge (R.R. obsolete)

Buzzard - many seen in different places.

Sparrow Hawk - one near Dumbarton, one over Big Trees.

Quail - Boulder Creek and on way to S. Cruz.

Coot - a few near Alvarado.

Killdeer - a pair " " + a pair in Coyote Hills slough

Hudsonian Curlew - 4 at S. Cruz (2 + 2)

Willets - 2 groups at Dumbarton - 30±

Rd-backed Sandpipers - a few at Dumbarton

Western Sandpipers - 100-200 "

Sanderling - three groups - perhaps 50 total at S. Cruz

Avocets - 8 pairs at Dumbarton Bridge (salt pond)

Northern Phalarope - 100-200 in salt pools at Dum.
Glaucous-wg. Gull. Dum.
Western Gull ab. } Santa Cruz.
Bonaparte Gull 2 - one with black head }
Gulls? (with very pale wings, black tips. 3rd yr?) " "
Caspian Terns - 8+ at Dum. Bridge
Pigeon Guillemot - 1 at Santa Cruz. Seen first on water.
Later it entered a hole in the bluff,
came out and walked about - red feet.
Mourning Dove - Saratoga & Santa Cruz.
Burrowing Owl - one on the Coyote Hill where we saw
it last year and in same burrow -
Owl (sp.?) - one near Alvarado - very tawny -
may have been Short-eared.
Kingfisher - one on electric wire upper S. Lorenzo Val.
Cabanis Woodpecker & nest in dead alder at Siempre Verdes.
others heard at Saratoga & Big Trees.
Downy Woodpecker - heard at Saratoga.
Calif Woodpecker - colony in Big Trees, very noisy.
Flicker - in Big Trees - noisy, calling, drumming.
Ash-throated Flycatcher - near Saratoga
Black Phoebe - Santa Cruz.
Olive-sided Flycatcher - both sides of mts. ab.
Wood Pewee " " " "
Western " " " " "
Horned Lark - singing near Alvarado. Sev. at Dum.
Cliff Swallow - at. Dum. & S. Cruz (on cliffs)
Barn " - several seen
Tree (?) " - over Big Trees.
Coast Jay - both sides of mts.
Calif Jay - Big Trees

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Titmouse - Saratoga
Chickadee - ab. San Lorenzo Valley
Bush tit - Saratoga & Boulder Creek
Pygmy Nuthatch - many heard in Big Trees
Creeper - Sempre Verde & Big Trees. The one at
Sempre Verde sang like the Black-thr.
Gray Warbler but with creeper quality
Wren-tit - very few heard - near Big Trees -
Vigors Wren - two heard singing.
House Wren - Saratoga (and south of Saratoga Gap. ?)
W. Winter Wren - singing below cottage (Sempre Verde)
Russet-backed Thrush - several heard but not singing
freely yet.
W. Robin - East Oakland and near Saratoga.
Waxwings - at Niles
Shrike - Santa Clara Valley
Warbling Vireo - ab -
Cassin Vireo - near Saratoga & San Lorenzo Valley
Lutescent Warbler - Both sides of mts.
Yellow Warblers - in willows everywhere -
Black-thr. Gray Warbler - Many heard singing near
Sempre Verde. A female came into spirea
outside living room window.
Pileolated Warbler - near cottages in Big Trees etc
Redwing Blackbirds - near Alvarado
Brewer " " " & Dum. Bridge
Meadowlark - ab -
Oriole - near Saratoga -
Tanager - " " and San Lorenzo Valley.
English Sparrow - near ranches and in towns.

Grosbeak - ab. & singing.
Lazuli Bunting - esp. E. Oak. (Mt. Blvd.) and near summits of mts.
Calif Purple Finch - Sempre Verde & Big Trees -
Linnet - ab. in orchards & towns. None near cottage but many near Huntington place
Gr. Goldfinch - ab. - in suitable localities
Spotted Towhee - ab. " "
Brown Towhee " " "
Bryant Sparrow - Dum. Bridge -
Junco - Sempre Verde - Big Trees etc.
Chipping Sparrow - near Saratoga, S. Verde.
Nuttall Sparrow - Berkeley & S. Cruz -
Song Sparrow - ab. in suitable localities
Total 83

May 18. Lois saw a pair of quail with four tiny babies on the pavement of Norwood Road. The mother covered the babies but as ~~she~~ Lois approached, the parents went up on the sidewalk; but the babies ran along the road. One fell over as it ran. ~~Finally they came~~ One jumped up four inches over the curb. The other three ran until they reached a garage entrance where they could join the parents.
Thrashers began their period of song. One is often on the front path and is quite tame.

May 20. Commencement Day. A Cassin Vireo was singing in the garden during the morning. The two House Wrens came into conflict in the trees west of the house. The wren from the box near the front door flew back to the toyon near the box while the wren from the titmouse box remained in the oaks. Rain after 5:45 p.m.

May 21. Tanagers at Boulder Creek. Thrush singing. Rained all night. Dum. Br. Avocets 50, Willets 15, Phalaropes N. 50; Ruddy Ducks 30± (All in same pool)
Only one seen

May 22. Berkeley. A family of Lutescent Warblers were in the garden – the young flying about with ease. Burrowing Owl at Milpitas – hovered like a Sparrow Hawk.

May 23. Russet-backed Thrush sang continuously at dawn and for an hour or more afterward 12 times per minute. The Lutescent Warbler sang frequently. While the first brood was being hatched I heard no songs.

The Lady Birds went to Los Banos. Mrs. Sims and Mrs Saunders stopped there on the way back from Yosemite. I left Berkeley about 9:30 a.m. and drove to San José. I saw the Burrowing Owl again at Milpitas on a fence post next the railway where the highway turns to cross the R.R. on entering the town. I met Mrs. Hillebrand at San José and after an early lunch we drove on to Gilroy and over Pacheco Pass. We reached Los Banos about 3 p.m. and went to the Canal Farm Hotel just beyond the town. We then drove out to the Game refuge but found no one there to unlock the gate so drove on along the main road until we came to overflowed pastures where we found many Stilts, and Black Terns and a few Avocets. As we walked out on a dyke both the Stilts and Terns became very much excited. The Terns flew over our heads calling; alighted on fence posts. The stilts dragged their wings, jumped up a foot or two, then down; flew over our heads calling excitedly. Farther on we found all the Blackbirds, Brewer, Redwing, Yellowheaded and Tricolor, in the tules: Cinnamon Teal, Florida Gallinules, one family with six young. Even the babies had red bills. In one pool there was a Pied-billed Grebe in breeding plumage. I do not remember ever having seen it before in this plumage. The most striking thing was the color of the bill - On either side of the black bar was a large white area. The top of the head looked tufted and there was much reddish brown on the neck. He had a way of sinking suddenly out of sight with no motion of diving. As we returned to the hotel we saw a Night Hawk (Texas) soaring above and a flock of Hudsonian Curlews flew northwards.

May 24. We had breakfast at 6:30 and drove to the Game Refuge at 7. The gate was opened for us and we drove around the circuit. A flock of about 50 White Pelicans were rising about the ponds and were circling about all the time we were in the refuge (2½ hrs.) The most abundant birds in the refuge were the herons: Gt. Blue, Black-crowned Night, American Egrets (and Snowy Egrets), Mallards. Many pairs of Mallards were seen but there were also large groups that rose from the larger ponds. Marsh Hawks were numerous and very active, dropping again and again as if to pounce on some animal. Blackbirds, meadowlarks, Kingbirds, swallows, Tule Wrens, Yellow-throats and Yellow warblers were abundant. A Shrike's nest contained 3 young birds. One Western Tanager was in a small willow tree on the edge of a tule-rimmed pond.

About 10 a.m we returned to the meadows visited yesterday afternoon. The light was much better as the meadows toward the west and we were able to see birds much better. We found several Dowitchers, and one Wilson Phalarope in addition to the ones seen before. In a small space next the Standard Hunting Club there was a Snowy Egret, a Black-crowned Night Heron and a Bittern. The Egret often lifted the plumes on the head and body and made a rush at the Heron. Suddenly a pair of Kingbirds rushed at the Egret, went past, circled and dropped again and again, almost striking the Egrets head. Each time the Egret raised it plumes ducked its head and lowered its body to dodge the blows.

Los Banos

Finally it flew away with the Kingbirds in close pursuit. Later we found the Kingbirds nest on the cross bar of the electric pole near by.

List of birds seen;

W. Grebe: two on large pond in Game Refuge.
Pied-billed Grebe - several in breeding plumage.
White Pelicans - about 50 in soaring flight -
Gt Blue Herons - com. everywhere - in all poses.
Am. Egret - Com. in wet meadows and on ponds.
Snowy Egret - 9 - seven in group on one pond.
Anthony Green Heron - one. Los Banos.
Black-cr. Night Heron - abundant.
Bittern - several.
Mallard - very abundant.
Cinnamon Teal - Many pairs seen.
(We may have seen both Gadwall & Redhead but not in favorable light or near by.)
Turkey Buzzard - many - in various localities
Redtail - in Pacheco Pass.
Marsh Hawk - one in the P. Pass - many esp. in Refuge
Sparrow Hawk - in P. Pass and elsewhere -
Ringnecked Pheasant - two males seen in Refuge -
Gallinules - several - One with family of 6 small yg.
Coots - ab. No young seen.
Killdeer - everywhere in marshes & meadows -
Hudsonian Curlew 6 - flew over at sunset - toward N.
Dowitchers - 6 - in wet meadow
Avocets - Most of them in one meadow (alkaline?)
Stilts - 40 prs ±

Los Banos - May 23, 24. 1939. (contin.)

Wilson Phalarope - one in wet meadows.
Forster's Tern - a few seen -
Black Tern - abundant in wet meadows -
Mourning Doves - ab.
Burrowing Owl - Los Banos & Milpitas
Texas Nighthawk - one at sunset near Canal Farm
Flicker - at Salt Slough Ranch.
W. Kingbird - ab. everywhere from Gilroy on.
Ash-throated Flycatcher - one at Salt Slough Ranch
Black Phoebe - com.
Horned Lark - Entrance to Pacheco Pass, east side, ab.
Cliff Swallow - ab.
Barn Swallow - ab.
Tree Swallows - a pair flew to a hole in an
electric pole near Standard Hunting Club
Violet-gr. Swallow - at San Felipe Lake -
Yellow-billed Magpie - ab. esp. west end of Pacheco Pass.
(Seen at [illegible] by Mr. Owens & Saunders

Crows - a few seen.
Titmouse - in Pacheco Pass
Tule wren - ab. in tules in Game Refuge.
Mocking bird - near Los Banos at hotel
W. Bluebird in Pacheco Pass
Shrike - com.
Warbling Vireo - in Pass -
Yellow Warbler - in Willows -
Yellow throat - in tules in Refuge,
Yellow-headed Blackbird - abundant
Redwing " - more "
Tricolor - " " A large colony in the Tules -
Meadowlark - ab.

Oriole – frequently seen but not so much in
the wet regions as in the dry.
Brewer Blackbirds ab.
Tanager – one in Refuge.
Eng. Sp. too abundant at hotel & in town.
Grosbeak – near hotel.
Lazuli Bunting – in Pacheco Pass and along way
Linnets – ab.
Willow Goldfinch – a few seen.
Brown Towhee – ab. everywhere.
Song Sparrow. ab in the Refuge & elsewhere.
Total 62.

(Mrs Grinn & Mrs. Saunders returned via
Gustine where they saw the Egret rookery
and reported a nest of Lewis Woodpecker
and Yb. Magpie)

As I returned through Milpitas I saw again the B. Burrowing Owl.
In San Leandro a Mockingbird was singing.

May 25, 26. Berkeley. R.b. Thrush sings constantly
under my window. Also Lutescent W.
Family of Titmouses in garden. Junco, Robin,
Pil. W. and W. Vireo near by. House Wrens still
singing.

May 27. J.T.A. took me (also Miss Gladding and
Lois Hanscom) to see the Egret Colony
near Gustine. When we reached Gustine we
continued on the highway about two miles;
then turned left at a gas station, crossed bridge
over a canal, then turned left into a ranch.
Behind the main buildings on the edge of a
small canal was a row of Cottonwood.

trees above which we could see the Egrets swarming. A Sight-Seeing bus was parked and the students from San Jose College were just returning from their visit to the colony under the guidance of Mr. Gayle Pickwell. The birds were much excited. After we had been there a little while we found one man in the top of one of the cottonwoods, (probably taking photographs). Many of the Egrets were in a meadow beyond the canal - Lois counted about 64 all told. After some waiting on our part some of them settled again on their nests. A boy who had climbed one of the trees told me most of the nests he looked into contained eggs only but one contained two eggs and one baby bird. One baby in downy plumage was dead on the ground. Nests looked very flimsy from the ground. When the birds settled on the nests the aigrettes spread out beyond the other feathers and made a beautiful covering filmy as spun glass.

I did not see the Lewis Woodpeckers. We drove on to Los Banos and visited the flooded meadows beyond the Game Refuge. At first very few birds were seen but when we got out of the car they left their nests and flew about excitedly. Miss Gladding waded through one section and found three nests - Coots ~~probably of stilts~~ - one containing 3 eggs. one 4 and one five. Eggs were large in proportion to the size of the birds, buffy with dark brown spots.

We drove back through Pacheco Pass to Gilroy, over Hecker Pass to Watsonville and on to Boulder Creek. 92° at Los Banos.

May 28. Boulder Creek. Clear - quite warm in middle of day. Tanagers, Black-throated Grey Warblers in addition to usual birds.

Sum. Br. Willets 25; Avocets 6+4 yg, 11 asleep, 4; N. Phal 8+12
Caspian Terns 12±; Forster Terns 10±; Clapper Rail 1.

May 29. Berkeley. Clear, warm. Rt. Thrush constant singer at dawn. Also Lutescent Warbler and House Wren - the three species I am sure are nesting near by. I could hear faint calls of the baby House Wrens in the box near the front door. ~~Visited~~ Heard the Cassin Vireo again. It must be nesting in the canyon this year.

Visited the Exposition - Only birds along the bay shore are gulls - not many - in immature plumage.

May 30. A Nuttall Sparrow sang east of the house - the first time I have heard it from the house during the breeding season. I think Linnets are nesting on our hillside - perhaps on Arden Rd.

June 3. About 7 a.m. I heard a soft whistle ~~which suggested the Pygmy Owl as I have heard Major Brooks imitate it~~. It sounded quite close to my bedroom window (Coast Day)

1939.

June 3. (Contin) About 9 a.m. we started to Boulder Creek to spend a week. Cool with quite a strong breeze. Birds very abundant - Tanagers singing. Also Black-throated Gray warbler. The Brown Towhee is still singing - still misses a mate?

June 4 - Cool with strong breeze.

June 5. Warm - beautiful weather. In Santa Cruz in the afternoon, along the West Cliff Drive we saw 9 Western Grebes, 15 White-winged Scoters, 1 Loon (Com.?), W. Gulls, F. Cormorants, Brandt Cormorants and a Pigeon Guillemot which entered a hole in the cliff where we have seen them each summer. Many Cliff Swallows building on the cliff. We could not find any Brown Pelicans or Heermann Gulls.

June 6. Mrs. Wright, Mrs. Gray and Mrs. Hackley came from Berkeley and ate lunch on our porch. Warm beautiful day. All the birds singing. Cassin Vireo, Wood Pewee, Kingfisher, Tanager etc - About 4 p.m. we went down to Santa Cruz to see the Pigeon Guillemot. He swam just off the point but did not come to the burrow. 2 flocks of [illegible], Pac. Loons [illegible] At Mrs. Wright's cottage a W. Flycatcher had a nest on top of a screen which was rolled up at the end of the porch. A Hutton's Vireo was singing.

June 7. Warmer. I met the three ladies at the Santa Cruz Big Trees. Creepers were everywhere. At the entrance there were two Robins searching for food on the ground. Possibly a third one. We could hear Pygmy nuthatches in the tops of the trees; also Calif. and Cabanis woodpeckers, Wood Pewee & W. Flycatchers, Warbling & Cassin Vireo, Pileolated Warbler, Russet-backed Thrush and Purple Finch. Near the lower end of the grove a Western Winter Wren, perched on the end of a root of a fallen redwood sang and sang. We all had excellent views of him.

In the afternoon we counted up the birds that have been listed by the group (Ellen Hermes) and found that in two years we had 145 spe.

Later I put out bread for the birds and almost immediately a female Black-headed Grosbeak began coming for it.

(Lois found one of the baby wrens dead under the Bewicks box)

June 8. Quite hot at breakfast time so James and I decided it would be a good day to drive to Pescadero to see if there are any shore birds there. The drive over was very pleasant. We turned toward the shore just before reaching the town, passed a great cattail marsh, then came out on a bluff planted to artichokes, peas and sprouts and overlooking the ocean. We explored the shore in different directions but found no birds except Western Gulls

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At Pebble Beach we picked up a number of stones of different colors - they would be useful for mosaic work. Blackbirds were surprisingly scarce. (Also found two more dead baby House wrens - Berkeley)

June 9. A Robin went through our garden (Boulder) Quite hot. Busy painting. James building closets in porch.

June 10. Ditto during a.m. Drove to Berkeley in afternoon. At Mt. View the only birds seen were three Gt. Blue Herons.
At Dumbarton Bridge, East end. 39 Avocets, all in full plumage. 15 Caspian Terns. Gulls in two pools.

June 11. Berkeley. About ten minutes before seven, I heard the same whistled note I heard on June 5. This time it was answered by a note on a higher pitch. Birds which had been singing earlier all began to sing together excitedly and continued until the whistles stopped (Coast Jay)

June 12. James heard the calls of baby owls in the nesting box occupied by Screech Owls.

June 13. Baby birds in lower box, occupied by House Wrens, calling. Chilly fog.

June 14. Cold, foggy day. Miss Gladding told me that bush tits brought off a second brood from the same nest used for first brood. Dr. Anna Hummer has a nest with baby birds in it at her front door. When the door is opened it comes within four inches of the nest.

June 15. Cold, foggy. Went to Boulder Creek in the afternoon. Cool, partly cloudy.

June 16. Cool wind. Sunshine. (Miss Gladding reported a blizzard at Echo Lake with an inch of snow.) Tanager heard once or twice. Also Black-throated Gray Warbler. Many families on the wing: Juncos, Grosbeaks, W. Flycatcher, Purple Finch, W. Vireo, Cassin Vireo. James heard with ~~[illegible]~~ Wren-tit + Ru. Thrush in afternoon.

June 17. Returned to Berkeley via Pescadero (No. 1) and stopped at Pebble Beach to gather pebbles for a mosaic. No shore birds or Heermann Gulls. Very few other gulls. Flowers very abundant.

June 18. Whistled note recorded on June 3, 11, was given by Coast Jay.

June 20. Members of Aud. Assoc. of the Pacific report an Anhinga at Lake Merced. A.O.U. annual meeting in Berkeley.

June 21. A.O.U. Berkeley, Condor Pictures by Pemberton at banquet in evening.

June 22. A.O.U. San Francisco (Berkeley: a Baby owl sits in the ~~[illegible]~~ in the box.)

June 23. Drove to Boulder in afternoon.

June 24. A Brown Towhee appeared with another (a mate?) No song heard. Songs decreasing. Cool with high fog until noon. On the way back to Berkeley we stopped at Mt. View marsh but found nothing. At the west end of Dumb. Bridge one Killdeer was seen. From the bridge itself several immature gulls.

1939 Alta

June 24 (contin.) In the salt pools at the east end we saw 13 adult Avocets; and flying near the Coyote Hills about twenty Caspian Terns could be seen (Berkeley L's watched baby owls in Fencher box)

June 25. Berkeley. A baby Screech Owl from the Fencher box was asleep in the wicker chair on the front porch all the morning. In the afternoon he spent most of the time in the box which holds the Pescadero pebbles - in the corner of the porch, but one by one ~~three~~ two other babies appeared. One perched on the cross piece under the seat of the other chair but later was huddled with a third in the darkest corner of the porch. About five p.m. a fourth one came out of the box and all four huddled together in the corner. When we came back from dinner they were all gone but could be heard during the evening near the house.

June 26. We drove up to Alta and spent the night with Mrs. Jump. Cool in the Sacramento Valley. At the ranch the cherries were ripe and many birds were feeding on them: Band-tailed Pigeons, Robins, Tanagers, Rb. Thrushes. Yellow-Warblers were darting in and out among the trees. Mrs. Jump thought the Band-tailed Pigeons were nesting in the fir trees on the hill above the house. Fox Sparrows Common,

Lake Tahoe

and Mt. Chickadee - probably about as low as they breed (about 4000 ft.). Calif. Purple Finch. No linnets

June 27. We left Alta about 9 a.m. and drove on to Lake Tahoe. I heard my first Olive-sided Flycatcher just below Blue Canyon. Went to Mrs. Hamlin's cottage at the north end of Lake Tahoe (4 miles beyond Tahoe City). Beautiful weather. Song Sparrows on Truckee River.

June 28. Mrs. Hamlin and I took a short walk from 10 - 11 a.m. to watch birds. They were especially abundant in the woods along the edge of the willows in a little draw. Among the willows we heard Pileolated & Yellow Warblers, Tolmie Warblers, Lutescent Warblers; in the ~~woods~~ Audubon Warblers. Also Olive-sided Flycatcher & Western Wood Pewee; Blue-fr. Jay; Mt. Chickadee, Red-breasted & Slender-billed Nuthatch, Sierra Creeper (song). Rb. Thrush, Robin, R-c Kinglet, Warbling & Cassin Vireo, Tanager, Cassin Purple Finch, Siskin, Yosemite Fox Sparrow, Sierra Junco, Chipping Sparrow, Mt. White-crowned Sparrow,

In the afternoon a pair of Green-tailed Towhees were very near the hammock where I was resting and I saw one catch a pine beetle. Juncos had young in the nest near the garage and Audubon Warblers had young on the wing calling continuously for food. At least two flickers were calling and I watched a Calliope Hummer feeding on Indian Paint brush - the pendulum almost ~~[illegible]~~ horizontal and the whistle a burrrrrr - Back very green

1939 Lake Tahoe

June 29. We took a picnic lunch to Rubicon Park where we hoped to find a Townsend Solitaire but were not successful. Mrs. Fletcher told us men had been putting out poison for ground squirrels & chipmunks on her place. The boys told me they were using strychnine. In the evening I saw one adult merganser and eight young as they sailed out from the Hamlin's shore. Heard a Night Hawk.

June 30. Returned to Berkeley. Cloudy and cooler when we left Tahoe and cool in valley.

July 1. A Grosbeak was singing near the house in the afternoon. Cold, foggy.

July 3. We went to Boulder Creek to stay over the Fourth. When we crossed Dumbarton Bridge we found the usual Avocets — about thirty of them and located three very tiny young ones floating in the salt pool across the road (N. Most of the adults were on the south side — about half way to the bridge proper. Query. Could the babies float just as easily in fresh water?)

We also found, 6 Caspian Terns and about 70 willets (resting at high tide on a mud bank) - About half on the same islet with 20 Avocets.

Nothing at Mt. View Marsh.

July 4 - Boulder Creek. High fog with some condensation, all day. Balmy. Lois and I took a short walk, especially to locate some Tanagers I heard. We found them in the upper part of the valley north

Lois found one of the young owls dead on the lower Terrace.

of our cottage near the Huntington place. We saw the male several times but did not see a female. Near the cottage a Hutton Vireo was heard repeatedly. It has not been heard earlier in the summer. At dusk a family of birds came in near the river below the cottage whose notes I could not be sure of. No songs but high pitched squeaky calls notes - probably of the young.

July 5. Early (6:45 a.m.) I heard the full song of the Western Winter Wren just below the cottage and a little later the same squeaky notes of young birds. I do not know whether these squeaky notes were uttered by baby Winter Wrens or not. Olive-sided Flycatchers were uttering their pip pip pip calls constantly. On July 4 we located Ash-throated Flycatchers back of the Huntington place, high in the redwoods.

In the afternoon we returned to Berkeley and stopped at Mt. View Marsh and were surprised to find many Long-billed Curlew present. They were all (400) some distance from the highway and I could easily recognize most of them as Long-billed but there may have been a few Hudsonian.

Also about 20 Willets. Left at 3:30 p.m. At Dumbarton Bridge 4 p.m. W. bank - 20 Willets, [illegible] we saw five small flocks of Sandpipers in flight. Only once did I see a flock (8-10) alight and one was definitely a Redback.

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A group of seven N. Phalaropes was seen; Avocets numbered close to 40 and we saw three young, feeding along the shore of a mud dyke, which later floated off on the surface of the water. They were about one third grown, covered with grey down. Another three (floating) were very small and when I got out of the car (trying to see the sandpipers) the adults became very much excited (which frightened the sandpipers away). One Avocet crouched in the roadway and dragged its wings, lowered its head and acted as a cat does when preparing to pounce on its prey.

The usual Caspian Terns were seen and also a group of Least Terns (10-12) feeding over a salt pool. Both adults and immatures were seen. One gave the kit-tic call. Also their eye was partly surrounded by white. These in addition to small size made me quite sure they were Least Terns. The tail was just as pictured in Hoffmann. They were apparently picking up insects as they did not plunge into the water. There were about 40 willets with the Avocets (total willets 80+)

July 8. We returned to Sempre Verde on Saturday afternoon and stopped at Dumbarton Bridge and Mt. View Marsh on the way. At the bridge we saw Caspian Terns as usual! even more Avocets than before and Willets had increased to about 100. No Phalaropes or Sandpipers seen but Several Forster's Terns were near the roadway. They were larger than the Terns we saw on July 5, the black continued to the bill enclosing the eye, the bill was reddish and the tail very deeply forked. 20 Willets at W. end of Bridge. At Mt. View we found Curlew still more abundant than on July 5 and about half of them were Hudsonian, half Long-billed. Those near enough the road to be distinguished must have numbered over 50. About 30 Willets were seen.

July 9. We worked all the morning (garden, hall and bath room). About noon I heard a Tanager. (no Hutton Vireos or Winter Wrens). Kingfishers heard. In the late afternoon we drove out the West Cliff Drive at Santa Cruz. We found Heermann Gulls ad., a long line of Shearwaters off shore (300+), Brown Pelicans (20±) with the Cormorants on the rocks, a few W.W. Scoters ♂. We watched the Guillemots feeding young in the nests at the point. They brought small, slender fish like sardines. We heard their calls and could see the scarlet lining of the mouth.

July 10. Boulder Creek. I heard a great commotion (Br. Towhees squealing, Quail quit-quit) among the birds east of the house and saw a Hawk (~~Sh. Sh.~~ Cooper?) fly off. Yester

day I saw one take a bird in Gehennah
(back of the garage). At noon I heard a
Tanager in the distance (toward the Huntington
Place.) Bird songs much decreased.
Beautiful weather.

On the way home at Mt. View Marsh
the tide was out to far for best results
but we saw many Hud. & Long-billed Curlew
and Willets. (Also many Killdeer)

At Dum Bridge Avocets (8 yg. 1/3 grown)
Willets as on July 8. Also Forster & Caspian
Terns. Eight Least Sandpipers seen.

One of the adult Avocets alighted in the
roadway ahead of us when we were driving
very slowly, crouched and spread its wings
with the head near the ground. He did
not leave until we increased our speed.

July 14. Berkeley. I heard the whistled call, the
"pretty" call and the song of a W. Tanager. The
bird was in the pine trees above Mosswood Rd.

July 15. We crossed Dumbarton Bridge on
the way to Boulder Creek. There were three
White Pelicans flying about. Willets
numbered about 150; Avocets with young
just beginning to show black ~~tail~~ feathers
very abundant (100±) Both Caspian
and Forster Terns were numerous
and Sandpipers (W & Least) had increased,
the large majority being Least.

At Mt-View marsh the tide was too far out for a comparative count but Willets, Long-billed and Hudsonian Curlew were numerous and three Black-bellied Plover were seen, one in full plumage.

Boulder Creek. July 16, 17 - I saw the hawk which flew ahead of me as I drove down our roadway (R.R. track). It looked too large for a Sh. Sh. and quite brown on the back and wings. I think it must be a Cooper Hawk. The Hutton Vireo is still about and an Ash-throated Flycatcher gave his "Whee-dear" note as he flew through the place. A W.W. Wren sang just below the cottage again. A family of Vigors Wren's were near the cottage much of the time and I heard the call-note of a House Wren several times. The Hermit Thrush was heard in the middle of the day.

July 17. At Mt. View Marsh we had to wait nearly an hour for the tide to flow out and then found the birds came in first at the north end of the marsh. Our count included 3 Bb. Plover (no black), 36 Lg-b. Curlew, 40 Hudsonian Curlew, 100± Willets, and about six flocks of sandpipers (sp.?)(7-3 seen)
At Dumbarton Bridge: - Three kinds of Terns: Caspian, 15-20, Forster, 2+, Least. 15+ Avocets & Willets as July 15. 11 N. Phal. 15 Least S. 5 Western Sandpipers

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July 19. Beautiful weather. When we returned from dinner at 7:30 p.m. the birds east of the house were much excited. I found the cause of their excitement was a young Screech Owl perched on the porch-railing. He paid no attention to us while we looked at him from the garden but when we looked out through the dining room window he seemed to see us more clearly and flew away. Probably he was one of the owls raised in the flicker box.

July 22. At Dumbarton Bridge the usual Caspian Terns, Avocets, Willets. Also a few Forster Terns. Both Least and Western Sandpipers had increased since last week. No Phalaropes.

July 23. At Santa Cruz a Pigeon Guillemot brought a small reddish fish to its nesting hole. Cliff Swallows decreasing. Heermann Gulls increasing. One Wandering Tattler seen.

July 29 Dumbarton Bridge 11:15-12:50 Tide high.
(~~Pied-billed~~ ?)
2 ~~Horned~~ Eared Grebes, 1 Am. Egret, 55± Willets, 25± Least Sandpipers, 25± W. Sandpipers, 300± N. Phalaropes; Caspian Terns ab., Young Avocets almost grown - heads soft grey; necks dull reddish brown. One Scoter at west end of bridge. Near the two ~~Eared~~ Eared Grebes

there was a white bird with a dark bill and a little dark on the back. It fed by lowering the bill so that it skimmed the surface of the water. The neck seemed a little shorter and the head slenderer than the grebes. It was approximately the size of the grebes and until I looked through the glasses it looked all white. It was near the farther side of the large salt pool north of the roadway – the last one as we approached the bridge. (Albino Eared Grebe)

After lunching with the C. D. Lewises in Palo Alto we went to the Mt. View Marsh. 3 P.M. The tide was right for observations. Theo estimate of birds seen was:
Bb. Plover 100 – many in full plumage.
Semi-palmated Plover – 2 – near the highway
Long-billed Curlew 50±, Hudsonian Curlew 40±,
Willets 100±; Lesser Yellowlegs 1, Godwits 40±;
Dowitchers 10±; Least Sandpipers a few,
W. Sandpipers a few. The birds seemed wilder than they do in midwinter and do not come as close to the highway.

July 30. As we drove down our R.R. track entrance a male Quail with 8 very tiny young were on the road. We had to wait until he could lead them off which he seemed in no hurry to do until one of us got out of the car. Then he led the little ones into the grass at the side. They looked about 1½ in long.

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July 30 (contin.) At Santa Cruz, 3-4 p.m.:
2 Loons (Common?) large, bills light.
1 Hudsonian Curlew, 8 Tattlers,
6 Black Turnstones. Heermann Gulls ab.

July 31. Boulder Creek. While I was gardening I heard sharp shrill calls of young birds. I finally located them perched on a dead branch of a large tree up on the sky line of the slopes of Ben Lomond Mt. I think from their grey color and proportions they were Cooper Hawks. Lois saw an adult flying and said the tail was long, wings short, broad. She did not see the young birds fed but they stopped calling.

On the way home we stopped at Mt. View Marsh. The tide was still high but since it was 4.8 there was some mud exposed. Bb. Plover 40±, Longb. Curlew, a few; Hudsonian 8± Willets 40±

At Dumbarton Bridge we could not find the white bird or the Grebes. Phalaropes 500-600. Caspian Terns 30+ Least Terns 30±; L. Sandpipers a few, W. Sandpipers a few; White Pelicans 60± Willets 200+ – closely packed on a dyke, Avocets 68-100 – young abundant.

A great aggregation of Barn Swallows (300±) were flying along the edge of the highway and alighting on the edges of the salt pool (south side of highway) Some Cliff Swallows too. In one place a group of about 40 Phalaropes were standing on a spit and several of them were larger than the Northern, showed no red, backs grey with no contrasting streaks, bills heavier than N. Possibly ~~im. Red Phalaropes~~. The Pelicans were lined up along the R.R. embankment to the south.

Aug. 6. Boulder Creek. Fog with mist until about noon. The young Cooper Hawk was calling from the same branch where he was perched last week. I heard a W. W. Wren. Very few bird calls.

Aug. 7. Returned to Berkeley via Dum. Bridge. Tide coming in at Mt. V. marsh and mud exposed was dry and flaky. Very few birds seen, - a few Willets, one Lb. Curlew, a flock of Killdeer and several Caspian Terns.

At Dumbarton Bridge: Willets 100+ Avocets 100+, Least Sandpipers 50 possibly - one to four at a time (no other kinds); N. Phalaropes 100+, almost all in winter plumage (im.) One bird asleep on a rock was a female in full plumage. W. Pelicans - two groups of about 50 each. Caspian and Forster's Terns. I saw the white bird of July 29, nearer the road. It must be an albino ~~Pied-billed~~ ~~Eared~~ Eared grebe.

The Barn Swallows were present in even greater numbers than on July 31 and 25 to 50 of them alighted on the roadway in front of us. I am quite sure they were feeding on the salt pool flies. There were 100± on the mud bank at the side of the road, also. The young birds showed quite a light rusty spot on the forehead. They had some difficulty balancing themselves on the roadway, also in walking a few steps.

Aug. 10. A Kingfisher flew past the house (Berkeley)

Aug. 12. Dumbarton Bridge:

White Pelicans 50-75; Farallon Cormorant 1; Caspian Terns 20±, Forster's (perched on a small island) - 50±

Willets 100-150; Avocets 200±; N. Phal. 1000± Least Sandpipers 40±, Cliff Swallows 300±; Barn Swallows 300±; Calif. Gulls <.

Heard a Robin at Boulder Creek.

Aug. 13. Santa Cruz 4-4:30 p.m. " "

A great increase in immature gulls, esp. Western and Heermanns. Mature Calif. Gulls increasing. Tattlers 2; Black Turnstones 15+. Sanderling 100+; Brown Pelicans 50+.

No Guillemots or Cliff Swallows at Guillemot Pt.

Aug. 14. While we were eating breakfast, 7:15 a.m. on the porch at Siempre Verde a Tanager gave its "pret-ty" call several times; also its whistle. No calls of Cooper Hawk and none perched on the tree where they have been the past two weeks. Birds very scarce.

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Boulder Creek. Aug. 19 – 22. Cool with a shower in the early morning Aug. 20. Each evening about 7 p.m. a Water Ouzel came in with a rattle, sang two or three times then went to roost on the little island just below the house.

Aug. 21. Santa Cruz. 4:30 – 5:30 p.m. Tide high. Sanderling – 100 ±. Most of them in a tight bunch asleep. A few feeding. Tattler 1; Black Turnstones 20 ±. Heermann Gulls (dark heads), Brown Pelicans, Cormorants; Guillemots – inside the bay – 2 flew in and three (dull colored) were in holes in cliff. Cliff Swallows – only four seen. On the cliffs just above the ocean above Pendleton's Nursery I saw a group of sparrows, marked something like song sparrows (less buff) but with outer tail feathers white. They must have been

✓ Vesper Sparrows. They stayed on the terrace immediately above the water in the sparse vegetation. The call note was a ~~low~~ soft tseep.

Aug. 22. At Mt. View Marsh the tide was just coming in – not many birds: Long-billed Curlew 10 ±; Hudsonian 8 ±, two with very pink underparts. Bb. Plover 30 ±; Willets 30 ±. Dowitchers 3. Caspian Terns 2.

Dumbarton Bridge: N. Phal. 700 ±; Avocets 60-80, Willets 40 ±; Caspian & Forster Terns also; Swallows?; (Contin.)

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Aug. 22. Dumbarton Bridge (contin.) Gulls (Calif.) increasing; White Pelicans 100±; Am. Egrets 3.

Aug. 23. Berkeley. Heard a Tanager at 6:30 a.m.

Aug. 25. Heard a Kingfisher east of house.

Aug. 27. Boulder Creek. Hutton Vireo most conspicuous bird. Pygmy Nuthatches at Camp Joy. Birds very quiet.

Aug. 28. Berkeley About 9 p.m. a series of loud call notes given with the regularity of a clock were heard. Lois took a flash light and followed the sound to Canyon Road where she found a female duck under an elder berry. It stopped calling and disappeared under the bushes

Aug. 31. At dawn 5:30 when the Song Sparrow was giving its first songs a flock of quail was practising the three-syllabled calls. There were many different qualities - some full and round like the notes of an old cock, some harsh - perhaps of youngsters of this years broods.

Sept. 2. Dumbarton Bridge 11-11:30 a.m. Warm, Black Turnstones 15; Least Sandpipers (not abundant); Hudsonian Curlew 4; Willets (not abundant); Greater Yellowlegs 8 (first this fall); Avocets 30 in one group resting; N. Phalaropes 1000's, mixed in with the Phalaropes in the last salt pool north of the approach to the bridge were about 40 Eared Grebes, scattered. The first ducks seen this year - about 60 Pintails. Terns were still numerous but all at a distance - probably Caspian and Forsters. One or two Am. Egrets were seen - White Pelicans numbered about 300-400 and Cormorants were resting on the same dyke. Five Clapper Rails (W. of bridge), two Marsh Hawks, two Horned Larks and a very few Swallows (Cliff.) were noticed.

Sept. 3. Boulder Creek. Kingfishers were very noisy as they circled about, three in group. Hutton Vireos singing. Russet-backed Thrush, Vigors Wrens, Chickadees, both Towhees. A Thrasher singing in the distance. Calif. Woodpeckers, which have hardly been noticed on the place during the summer were conspicuous.

At 4 p.m. we drove along the West Cliff Drive in Santa Cruz. Tide high. Many men fishing. Sanderling (300±) bunched up on the cliffs cut off from the shore. Turnstones (Black) - one flock of thirty and many more scattered. Two Loons (Pacific - bills light above - almost yellow). Two or three Tattlers. (No W. Grebes yet.) Three Phalaropes in the surf. No Guillemots
" Swallows -

(Sept. 4? A Poor Will called repeatedly for an hour or more.)

1939

Sept. 4-9. Beautiful weather. Birds very quiet.

Sept 9. We drove to Boulder Creek after 4 p.m.

Sept. 10. Returned to Berkeley via Palo Alto. At Mountain View Marsh we ate a picnic lunch while we watched the birds at the turn of the tide. They are increasingly abundant.

Black-bellied Plover - a very few in full plumage, some in mixed plumage, many in winter plumage. Probably the most abundant species. 200± (near highway)

Long-billed Curlew 40± more ab. than Hud-

Hudsonian 15± - many more farther out, no doubt.

Willets - next to Bb. Plover in abundance. 100±

(No yellowlegs seen)

Least Sandpiper - no large flock movements but many small groups.

Long-billed Dowitcher 20-30 - in one area.

W. Sandpiper - very few

Godwits - 20±

Pintails - 6-8. Eclipse plumage

At Dumbarton Bridge - west end - tide out
Sandpipers, plover, willets - no stop.

East end: Gulls - California - adults 60±

Terns - Caspian possibly Forsters also in one area near Coyote Hills.

W. Pelicans - 300± - some near, most in distance near R. R. bridge.

(No Eared Grebes, no swallows)

Willets - one group 40± in shallow salt pond.
Least Sandpipers - a few.
Avocets - one mud bar covered with them - 40-50.
N. Phalaropes - 1000±
Several flocks of pintails - total about 40.

Sept. 12 Berkeley. A Cooper Hawk flew over the bird table and up to the road under the trees. The first one seen this fall.

Sept. 13. A half inch of rain fell during the morning. Clearing in afternoon. Heard Great-horned Owls during the night - at first far away, then very close. Screech Owls heard later. Warblers - a group, probably Yellow Warblers in the trees on Durant Ave. below Telegraph. Afternoon - Brown Towhees eating termites on Mosswood Road.

Sept. 14. Beautiful day. The Red Squirrel appeared in the oak next the garage and went quickly from tree to tree until it reached the house - then up to ridge of the front gable, on up to ridge of the main roof and over to the north side. Coast Jays are about the house most of the time, often giving the redtail call. One comes to the table for food.

Sept. 15. A Thrasher came to the table for food.

1939.

Sept. 16. We took Miss Gladding and Miss Atterbury to Boulder Creek and stopped at Dumbarton Bridge to look at the birds. Quite hot (85° in San Francisco). No wind.

Brown Pelican - 1
White Pelicans - about 600.
Cormorants - many grouped with Pelicans.
American Egrets - numerous -
Pintail Ducks - 40± in eclipse plumage.
Clapper Rails, about six west of bridge.
Bb. Plover - a few on a dyke - 15-20.
Black Turnstones - in unusual numbers, about 30.
Willets - 200± - many asleep on dyke - (Tide coming in.)
Least Sandpipers - one flock 50-100, also small groups.
Avocets - One group asleep - 100±
N. Phalaropes - 1000+.
Caspian Terns } In distance 40±
Forster Terns }
Bryant Sparrows - several, very yellow about head.
Godwits - 2
Long-billed Curlew - a few.

Sept. 17. Boulder Creek. A flock of Pygmy Nuthatches were taking seeds from the cones at the top of the Douglas Firs. Apparently they took them across to the large redwoods and tucked them into the cracks. Chickadees feeding in the same firs. A Water Ouzel fed at the edge of the stream across from the dam as long as Miss Y. & Miss A. watched. It entered the water also. Rather hot.

Sept. 18. A small flock of Cedar Waxwings flew out of the deciduous trees across Mosswood Rd.

Sept 19. Hot - no breeze

Sept. 21. Still very hot, day and night. Six of the Lady Birds went to Boulder Creek by way of Dumbarton Bridge:

No grebes; White Pelicans about 600. (As we neared the bridge a train crossed over the bridge and hundreds of pelicans were in the air. By the time we reached the stop near the quarry they had settled.) Cormorants, many (100±) perched among the pelicans. Other birds seen American Egrets 40±; Pintails 20+ in eclipse plumage. Clapper Rails 5; Bb. Plover 40±; Semipalmated Plover 1, Killdeer several; Godwits, very few, Willets 100±, Gt. Yellowlegs, 5 together west of bridge. Avocets 50 in one bunch (near pelicans & egrets); N. Phalaropes 300±, Ring-billed Gulls 100s resting. Calif. Gulls a few; Terns, a few Forsters,

In the late afternoon we went to Santa Cruz where we saw about 6 Black Turnstones, and more than 100 Sanderling - one group feeding (tide very high), one group asleep on cliff near Gulls. Many Heermann & Western Gulls.

Night cooler than in Berkeley.

1939.

Sept. 22. 90° at Gas Station at Boulder Creek at 9 a.m. Went up probably over 100° during the day. At Sempre Verde we saw Townsend Warblers, Chickadees, Pygmy Nuthatches, R-b. Thrush, Towhees & Juncos and heard ~~Rusty~~ Golden-crowned Kinglets & Creepers.

Later we walked through the Santa Cruz Big Trees – very hot – fire in Zayante Canyon. Excellent views of W. Winter Wren, Creepers, Golden-cr. Kinglets, Calif. Woodpeckers. Pygmy Nuthatches ab. but very high in trees.

Sept. 23. Boulder Creek – Sempre Verde, flock of Cedar Waxwings – a Robin!
J.T.A. & I drove to Carmel.
At Moss Landing – Gulls most abundant – in great masses on sand spits and shores. Pied-billed Grebes – 3, Eared G. 1, W. Grebe 1, (Ns Terns flying) Willets 100+, Yellowlegs (Gt.) 1, a few Blue-bills, Ns Phalaropes (in one pool only – 40±) ~~H. Curlew~~ Long-b. Curlew 1, Godwits a few.

At Carmel: Mrs. Black's cottage. At the feeding table 1 Thrasher, Chickadees, Pygmy Nuthatches (5), 1 Song Sparrow. The Nuthatches came repeatedly even when Mr. B. stood within 4 ft. of the table. Always took water. Mrs. B. says they bathe by flicking water with the tail. Chickadees do not bathe. Hutton Vireo. Nuttall Sp. and Gr. Goldfinch near by. (non-migrating Crowned Sp.)

Sept. 25 Thurs.) Fox Sp. reported & Long-tailed Chat.

At the five acres near Monterey Bluebirds were heard, Harris's Woodpecker. Saw Buzzard. Along highway: Redtail, Sparrow Hawks, Shrikes, Linnets, Brewer Blackbirds, Meadow Larks, Crows. Very hot at Carmel.

Sept. 24. A little cooler – cloudy at B.C.
Berkeley – " " " . (Tanagers & Lutescent Warblers in garden.)

Sept. 25. Cloudy with some rain. A Puget Sd. Sparrow song heard at Tamalpais Rd.

Sept. 26. Clear, cool. The Allen Hammer Group took their first fall trip to Vallejo. We went first to the reservoir. When we stopped we found on the electric wire a Lark Sparrow, then two or three more in the anise which was covered with seeds. Also a large flock of Puget-Sound White crowns – all singing. On the water there were hundreds of Coots and Pintail Ducks, some Ruddies and Mallards. One Am. Egret, 2 Gt. Blue Herons, 1 Grebe (Eared or Pied billed – very far away). A Black Phoebe, one Savannah Sparrow, Linnets, two Greater Yellowlegs and several Killdeer, Brewer & Redwinged Bl. were seen. A very few Least Sandpipers. We drove back to Vallejo and across the Sears Pt. Cut-off but the road was being repaired and no place to stop so we could see little. Birds were not abundant: a few White Pelicans, a few Am. Egrets, two or three Willets one Avocet. So we went on toward San Rafael. On a side road we found a place to lunch under oak trees. While there we saw Flickers, a Hairy

woodpecker, a small group of Calif. Woodpeckers, a Black Phoebe and a Western Flycatcher, Cal. Jays, a Titmouse, several Turkey Buzzards, Bush-tits, Linnets, Puget Sd. Sparrows, Brown & Spotted Towhees. Along the highway there were Horned Larks, meadow Lark, and several Sparrow Hawks. Buzzard Juncos in San Rafael
At a stop near the San Rafael Ferry there were Bb. Plover (3), Willets (12±), Godwits (6-8) and Gulls. Only gulls on the bay except on the rocks near the Richmond landing where there were Cormorants, pintails and possibly some shore birds.

We came into Berkeley by the Bay Shore and stopped at the marshy pool at Ashby Ave where we watched N. Phalaropes. On the bird island farther north there were three Brown Pelicans, 1 Am. Egret, and several Bonaparte Gulls. One Far. Cormorant was fishing. Total: 43 species

Sept. 27. Sunny, pleasant. Many evidences of migrating birds. Heard a Red-breasted Nuthatch; a group of Tanagers; noticed first the soft whistled notes, later the "pret-ty" call. Warblers came to baths (busy at the telephone). At sunset a sharp note like that of Fox Sparrow when he goes to roost.

Oct. 1. Boulder Creek Rained last night. A Water Ouzel sang for some time below the cottage. Warblers about; note sounded like Townsend - Many Puget-Sd. Sparrows on way to Berkeley, esp. San Leandro N

Oct. 2. Cooler. N.W. breeze. Beautiful after rain. Thrasher singing. Rain in afternoon.

Oct. 3. Allen Hummer Group went to Codornices Park. Beautiful after rain. Per Res: Quail, Flicker, Calif. & Coast Jay, Titmouse, Bush-tits, Wrentit (singing), Vigors Wren, Robin, Eng. Sparrow, Calif. Purple Finch, Linnet, Gr. Goldfinch, Pine Siskin, Spotted & Brown Towhee, Song Sparrow. Summer visitants (migrating through) Western Flycatcher, Flycatcher (sp.?) - soft gray, no eye ring, light bars in wing (no median line). Pileolated Warbler. Winter Visitants; Townsend Warbler (small groups) some without black throat), Audubon Warbler - several, Puget Sd. Sparrow, Gambel Sparrow (2 seen in Lehmann Garden) Total 25 sp.

Not seen or heard: Russet b. Thrush, Hermit Thrush, R-c. King-let, Fox Sparrow, G-c. Sparrow. In the afternoon I heard G-c. Sparrows singing in Strawberry Canyon. Mrs. Thompson who lives in North Berkeley (Cragmont) said she saw both Fox Sp. & G.c. Sparrows three days ago.

Oct. 5: S.F. Bridge: 12 Brown Pelicans.

Oct. 7. Dumbarton Bridge: White Pelicans 600±, [Egrets? (no stop)], Willets and Bb. Plover, bunched on a dyke 300±; N. Phalaropes 400±; Pintail Ducks 50±, some full plumage (not eclipse); Sandpipers mainly Least - increasing but no large flocks; Eared Grebes 200±, very near the roadway in the last pool to north before reaching the bridge. Among the first ones seen was the albino seen first July 29 and again on Aug. 7. This time

1939

(all white except for slight gray shadings on head & back
it was within 100 ft. and through 8X binoculars
I could see the rosy eye. It is undoubtedly
an Eared Grebe in spite of the early
date when it was first seen
Pipits (100s) were very abundant.

At Mt. View Marsh the tide was
too far out for really good observations
but I saw about 50 Bb. Plover (no calls),
Killdeer (ab. 7 noisy), Willets 100± (quiet),
Longbilled Curlew 30± (one called Cur-leew, an
other when it flew pi-wi-wi-whee). Only
one Hudsonian Curlew seen. Godwits 3,
Dowitchers 15±, Least Sandpipers 50±;
W. Sandpipers 10±

Oct. 8. At Boulder Creek warm sunny day
after a chilly night: Hermit Thrush (at
least two), Golden-crowned Kinglets, one
Ruby-crowned Kinglet heard only once. Golden
crowned Sparrows heard in the distance.
Flocks of juncos along the roadway over
the mountain. On the way home many
flocks of [illegible], increasing as we neared
Oakland. On Saratoga Grade I noticed
Swifts so we stopped to look at them.
They were Vaux Swifts and I counted six
at one time. I think there were many more.

Oct. 9. Berkeley. At dawn a Hermit Thrush was calling
under my window. A little later a Fox Sparrow
sang repeatedly. R-c Kinglet

Oct. 10. I picked up a dead Fox Sparrow in the
street just in front of our entrance. A slight

injury near the ear — probably struck a wire. Ants were on it (wound). Faculty section on the lower Campus saw: Anna Humming bird, Flicker, Cal. Jay, Bush tits, Hermit Thrush, R-c Kinglet, Lutescent, Yellow, Townsend and Audubon Warblers, Linnet, Purple Finch (singing) Gr. Goldfinch (singing), Fox Sparrow, Brown Towhee, Spotted Towhee, Junco. Nuttall Sparrow, G-c. Sparrow, Song Sp. Winter visitants not abundant yet.

Oct. 14. Cooler — Fog in Bay Region. Birds very abundant along the highway — To Boulder Cr. Great flocks of Blackbirds, Linnets, Crowned Sparrows etc. Hawks increased, esp. Sparrow Hawks. At Dumbarton Bridge 10:40-11 a.m. great abundance of Pipits, even alighting in the road to feed. Pelicans (White) were not seen in the usual places toward the S.P.R.R. but grouped in one pool near the bridge — about 400 of them, and with them many Gt Blue 25± and Black-cr. Night Herons 12± and Am. Egrets 100 — these last scattered about also. Eared Grebes 400+ in the last pool N. In a group of three farthest east in the pool, the Albino Eared Grebe, very close to the road (50 ft. ±). Saw it dive. No Phalaropes. Bb. Plover — a few, Willets ab., Pintails <, Ruddy Ducks 2, Sandpipers: in proportion of 6 Redbacks, 12 Western, 21 Least. Not in great numbers. (200± altogether.)

Mt-View Marsh. Tide coming in. 11-11:10 a.m. Mud still damp — foggy. Many birds scattered. No yellow-legs

Bb. Plover 100±; Killdeer 40±; Lg-b. Curlew 30, Hud. 2; Willets 100. No sandpipers, godwits, or dowitchers near highway —

1939

Oct. 15, 16. Audubon Warblers very abundant in the oak trees near the house.

Oct. 17. Allen Hammer Group went to Tilden Park and San Pablo Reservoir. High fog all the morning. Along the trail to the caves birds were very scarce where on May 1 they were so abundant. Very little water in the stream – none running only tiny pools. Both Coast and Calif. Jays were abundant in oak regions, gathering acorns. With the exception of Audubon Warblers which were abundant at the lower lake and Juncos which were probably the most ab. species everywhere other species were limited to one or two individuals. At the first stop we were surprised to see a Lawrence Goldfinch. Other species seen or heard: Flickers, Wrentit, Vigors Wren, R-c Kinglet, Hermit Thrush, Robin (one only), Townsend Warbler (1), Fox Sp., Brown & Spotted Towhee & Song Sparrows. A few siskins flew over. Also three White Pelicans in flight.

We drove across the Wild Cat Canyon Rd. to San Pablo Reservoir. Along the way we saw many Redtails, some W. Blue birds and Audubon Warblers and Juncos. We lunched among oaks on the hillside near the end of the road where Calif. Woodpeckers were active, storing acorns in a dead White Oak. We saw two Nuttall Woodpeckers, Flickers, and a Shrike, R-c Kinglet, Titmouse and Towhees. Near the Reservoir there were flocks of Pugetensis, one Willow Goldfinch, a Shrike

Sparrow Hawks, Meadowlarks, Br. Blackbirds, a Black Phoebe, ~~Sparrow~~ and one Cooper Hawk. On the water were seen; one Eared Grebe, several Pied-billed G. Cormorants (one on each of a dozen posts); Am. Egret 3; Blue Heron 2; Killdeer 8-10; Willets 3; Sandpipers (sp?) 20±; Pintails 400±; Ringnecks 20-40; Ruddy 2, Baldpates 20±. Total 44 sp.

Oct. 19. Heard Kingfisher in direction of Swimming Pool. In Kensington I saw a flock of about 15 Ducks flying about. Saw them several times at intervals. Not far from Aerating Plant also Spruce St. Res. Many G-c Sparrows singing below us. Several Fox Sparrows near pool. Songs heard. Hermit Thrush always seen.

Oct. 21 Dumbarton Bridge. High Tide 7:30 4.8
10 a.m. Pelicans> none toward the R.R. but about 100 in pool where they were last week. Eared Grebes < 400± - Albinos seen picking things from the surface of the water. Very perky. Avocets< in squadrons about 500, resting in the salt pool.
No Phalaropes. Very few sandpipers Willets + B.b. Plover as usual. Pintails < many on a dykes, many in the salt pools, many more to the south too far to identify. Pipits > still very ab. feeding on the roadway.
Mt. View Marsh. Tide 4.8 is a little too low for best observations because there is so much mud exposed even at high

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tide. Many birds but scattered and distant
Bb. Plover and Willets ab. as heretofore.
Lb. Curlew about 50 near enough for identification; Hudsonian only 6. Godwits < (40±);
Gt. Yellowlegs 1, gave call of four notes.
Dowitchers < 30±; Least Sandpipers <; Western very few; Redbacks < but not ab.
Avocets 50±. Very warm — Indian Summer

Oct. 22 Boulder Creek. Juncos, Chickadees, Purple Finch (singing sotto voce), Hermit Thrush, Kingfisher, Golden-crowned Kinglets, Pygmy Nuthatches, one Hutton Vireo. Very warm.

Gt. Horned Owl calling at night; high pitched — no answer in lower pitch.

Driving home Santa Clara Valley a noticeable decrease in migrating White-crowned Sparrows. No G-c Sparrows heard, though they have been singing constantly in Strawberry Canyon the past week.

Oct. 25. Mrs. Leavens and I went to Tilden Park hoping to find a Rock Wren she reported as there last Saturday (Oct. 21) We did not find it. Abundant birds there were Aud. War., Juncos. Willow Goldfinches, R-c Kinglets, Calif. and Coast Jays. Black Phoebes (2), Titmouse, Anna Hummingbird were seen also. On the Wild cat Canyon road to San Pablo Dam many Redtails, Meadowlarks (flock of 15), flocks of Pugetensis, Golden-co. Sparrows. Near the Reservoir two Say Phoebes were balancing on the weeds or hovering just above the tops of the weeds. Also Shrike.

Sparrow Hawk (very dull color, no grey), Calif. Woodpecker, Wren-Tit, Vigor's Wren, more Aud. Warblers. Brown and Spotted Towhees. On the water Pintails (100s) Baldpates, Ruddies (a few), 4 Lesser Scaup, Coots, Farallon Cormorants, Gt. Blue Heron, several Am. Egrets, Eared Grebes (a few) 2 Gt. Yellowlegs, Killdeer, Sandpipers. Clear N.W. wind, cool. Quail. G-c. Kinglets Pipits 38 Species

Oct. 28. Santa Cruz. W. Cliff Drive. Birds very ab. Tide very low - as low as I have ever seen it there (Low -0.1 about 4:28 p.m.) Brown Pelicans, Far. Cormorants, Heermann Gulls, Western Grebes all very numerous. On the sea-weed beach where we usually find Sanderling, they were esp. ab. 500± and about 24 Black Turnstones (probably more for they match the seaweed so exactly it is difficult to see them). Very warm.

Oct. 29. Boulder Creek. Heard Varied Thrushes, first time this winter. W-W. Wren below cottage. Beautiful weather.
Berkeley quite hot at 4:30 p.m.

Nov. 1. Berkeley. I heard a Red-breasted Nuthatch in the pines above Mosswood Rd.

Nov. 7. Warm all the past week. Many Fox Sparrows come to the table and to the pool.

Nov. 11. Warm. Clear. Tide 6.3 - High 10:45 a.m.
Dumbarton Bridge 2:45 p.m.
Bonaparte Gulls - 1000s
{Avocets 400± together in pool, resting.
{Willets 100±
W. Pelicans - 300+ in pool south of roadway.
Eared Grebes - 400± last pool n. next bridge
(mixed with B. Gulls)
Pintails - a few -
Redbacked Sandpipers - not many - but
outnumbered other kinds -

Mt. View Marsh. 3 p.m. Tide right for best
observations. Birds abundant.
Bonaparte Gulls - many -
Avocets - a few
Pintails - a few
Killdeer ab. Bb. Plover very ab.
Hudsonian Curlew - 100±
Long-billed Curlew - 50±
Willets - ab.
Gt. Yellowlegs - 2 (near by)
Lesser " 1 - three calls, light, higher
pitched than Gt. Y.
Least Sandpiper - many.
W. Sandpiper - very few
Redbacked " 30± near highway.
Dowitchers - 50-60 " "
Godwit 2.
At Saratoga Gap a large flock of Robins was flying
over the summit southward. (to roost?) 4:45
p.m.

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Nov. 12 Boulder Creek. Partly cloudy. Warm. Heard Waxwings. Purple Finch came to mushroom pool for water. R-c Kinglets at.

Nov. 14. Faculty Group went to Aquatic Park (Berkeley) Warm, clear. Bonaparte Gulls – 1003 – height of migration. Red-backed Sandpipers 1003 – on island and in tidal pool south of Ashby Ave. Least Sandpipers – many. W-Sandpipers not ~~many~~ – ~~¼ total~~. Perhaps 1000 Sandpipers altogether – proportion Redb. 600 ~~½~~, Least 350, W. ~~100~~ 50 about. Sanderling 100± Eared Grebe 3, Pied-b. G. 4, Loon (sp.?) 1, Br. Pelicans 2, Far. Cormorants 15±; Mallard 1 female, Lesser Scaup 1 female, Am. Golden-eye – 2 female or im., Ruddy 100± Coots 2, Killdeer 15±; W. Gulls, Heermann 1, Calif. G. a few, Ring-bills a few, Glaucous-wg. – 1 immature (on pools). Forster Tern 1. Anna Hummer 1 ♂, Pipits 12±; Br. Blackbirds a few, Eng. Sparrows (near K.R.E.), Linnets, Savannah Sparrows, White-cr. Sparrows, 29 sp.

Nov. 15. Still Indian Summer but with early morning fog. Aud. Warblers down to winter numbers – also other winter visitants.

Nov. 12. Brought a sunflower head from Boulder Creek and put it on the feeding table

Nov. 16 A titmouse took seeds from the sunflower

Nov. 17. All the seeds gone from sunflower.

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Nov. 17. In the afternoon the Allen Hummer Group went to Lake Merritt and Aquatic Park. At Lake Merritt at the Pergola diving ducks were not abundant. Canvas-backs 100-200; Ruddies 60±; Blue bills a few; 1 Redhead; Also some Pintails and Baldpates. Eared Grebes numerous; Pied billed Grebes 2; Bonaparte Gulls 100±; At the fresh water pools ducks were much more abundant than I expected to find them at this time of year. But as the hunting season opened on Oct 22 perhaps they have come in earlier on that account. Pintails, Baldpates with a few Mallards entirely filled the pen and waited ~~nearly~~ half an hour at least for the feeding. (I passed the spot at 3 p.m. and found it well filled and when we returned at 3:30 they were still waiting.) Pigeons and English Sparrows were reduced in numbers. One Am. egret had an English Sparrow in his beak, holding it as if it were a frog. A man near us told us he saw the egret pick up the bird in the pool. Unfortunately we lost sight of the Egret an instant as it went behind a stake and when it appeared on the other side the bird was gone. A lump on the throat suggested he had swallowed it but we could not be sure. One Brewer Blackbird was a partial albino. Coots were perhaps less abundant than usual.

Ring.b. Gulls.
Im. Calif. Gulls.

At the Aquatic Park K.R.E Station - high tide - about 5 Red backed Sandpipers were asleep in a tight bunch - A few Least also - Six Killdeer.

Pipits.
Bonaparte Gulls - not so many as on Nov. 14 but still ab. On the large pool to the north many Ruddy Ducks, a few Cormorants. At the island more sandpipers (Rd backs & L.) also Sanderling (6) in a bunch. One Bluebill, one im. Golden-eye, about 20 Eared Grebes, W. Gulls, some im. Glaucous-wings, more Bonapartes and one Forster Tern. Several flocks of Sandpipers flew over the pools, one of them very large.
Weather still warm - Indian Summer.
As we left we noticed a Pipit flying against the shining metal of our automobile wheel where he could see his image. He did it repeatedly -

Nov. 18. Still warm, clear,
Dumbarton Bridge (hurried):
Eared Grebes 400±, 1 albino (very close to road).
Bonaparte Gulls still ab. but only 1/3 of last week.
Yellowlegs - 2 at W. end of bridge.
{Willets 200±
{Avocets 50± - much reduced } bunched together.
Pipits decreasing but still ab.
Sandpipers - not many seen.

Mt. View Marsh. Tide out too far. Mud all exposed, Birds scattered and largest numbers far from highway. Near the highway Bb. Plover were present in largest numbers. Long-billed Curlew more numerous than Hudsonian, Willets decreasing but still ab. Godwits 6; Dowitchers few; Red-backed Sandpipers abundant. Western ab. (first time ab. this fall), Least decreasing -

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Nov. 18 (contin.)
While I was watching, suddenly great flocks began to rise farther out and fly about excitedly because a Duck Hawk flew over - 18 Curlew arose from a single small area and many others from different parts of the marsh - There must have been a total of two thousand birds. Noticed a Clapper Rail outside the fence and many Savannah Sparrows.

At Boulder Creek: Madrone berries red. Cedar Waxwings, Robin (heard), Hermit Thrushes, Chickadees, Hutton Vireo (singing softly), Winter Wren calling. R-c Kinglet. We started back to Berkeley about 4 p.m. and as we crossed Saratoga Gap, about the same time as last week, again a flock of robins was crossing the summit from the Saratoga side (shaded) to the sunny side.

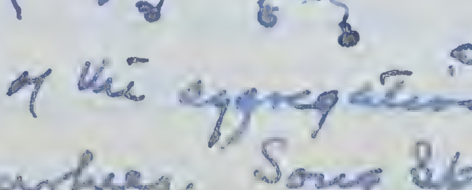
Nov. 19. Warm, clear. A Townsend Warbler feeding in oaks near living-room window at noon.

Nov. 21. Warm, clear. Heard a W. W. Wren below house.
Quail very abundant and tame.
Killdeer on the Campus.

Nov. 23. About seven o'clock I heard the "kek-kek-kek-kek" of a Cooper Hawk near my window. I got up and approached the window but heard the whistle of its wings before I could locate it. Perhaps he was on the roof.

Nov. 24, 1939. I heard a Kingfisher below the house.

Nov. 25, 1939. Rain – first since Sept. 13.
Miss Gladding came back from Echo Lake. Snowing there. She saw Chickadees, Flickers, Clarke Crow, & flock of Townsend Solitaires (among juniper trees). Gulls came to stadium (immediately after rain)

Nov. 28, 1939. The "Allen Hummers" walked up Strawberry Canyon from the Stadium, and returned by the road (trail?) on the south side (shady). Winter birds are not so abundant as earlier in the month. Strangely enough we saw and heard no quail – they must all be in my garden. Redtail 1 soaring; Flicker, several; Black Phoebe (1); Coast Jay several, Calif. Jay ab., Titmouse 4 heard; Bush-tits two large flocks; Wren-tit (singing) perhaps in six places; Vigors Wren – two heard; R-c Kinglet 6-8, one song; Audubon Warbler, 2 flocks; Townsend Warbler several in one place where birds were apparently eating cut worms in the oaks; Hermit Thrush only one heard – near the stadium. Fox Sparrow – one seen, others heard; Junco two or three groups, feeding on cut worms; Puget Sd Sparrow – eating toyon berries near stadium, singing ; G-c Sparrows – in most of the aggregations, feeding in oaks. Brown & Spotted Towhees. Song Sparrow (4).

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Nov. 29. I looked out my window when I got up and counted five Fox Sparrows. Later a number of G-c Sparrows came to bathe.

Dec. 4, I brought home from Boulder Creek a very large Sunflower head which I put on the bird table about 8 a.m. By noon almost all the seeds were gone.

Dec. 5. Last trip of "Allen Hummers" - to Dumbarton Bridge and Mt. View Marsh. Cloudy with a little rain.

Dumbarton Bridge: 400 + Eared Grebe, the albino near the center of a very large group (200+)
American Egrets 8 - also near Alvarado
Bonaparte Gulls - 40±.
Willets 200 ± bunched
Avocets 300 ± "
Red backed Sandpipers - a few (No ducks)
Pipits - many but decreased.
Short-eared Owl.

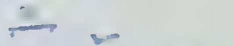
Mt. View Marsh. Tide right.
Black Turnstone 1.
Bb. Plover - many - decreasing.
Lo. Curlew - decreasing 6 ±
Hudsonian - 8-10
Godwits 20 ± (No Ducks)
Dowitchers - very ab. 100-200.
Red b. W. & L. Sandpipers ab.
Gr.-Yellowlegs 2. Avocets 2. Cl. Rails 3

Along the way L. H. counted 21 Sparrow Hawks. Pipits in outdoor theater at Stanford. Also Calif Woodpeckers, Titmouse, Robins, Shrike. Aud. Warblers, Gambel Sparrows. Gb. Goldfinches

Dec. 9, 10. Rain. Warm.

Dec. 12. Codornices Park. Faculty Group. Clear. Cooler.

The first bird we saw was a Varied Thrush, immature, perched in a willow near the stream. It was perfectly motionless. and allowed me to go to the base of the tree before it flew into a toyon near by. A Ruby-crowned Kinglet was near by and one Audubon Warbler.

We walked some distance up stream before we found another bird. Then we came upon a flock of Bush tits and near them R-C Kinglets, Brown and Sp. Towhees, Song Sparrow (singing), Wren-tits, and G.c. and Gambel (not pug.) Sparrows singing. The Gambel song: 

On the trail across the stream we came upon a group of Golden-crowned Kinglets.

Going on up-stream we came to large groups of Crowned Sparrows and saw two Fox Sparrows. Also a flock of Siskins. As we walked up Tamalpais Rd there were more Crowned Sparrows, one English Sparrow, and in the birch trees two Gb. Goldfinches were eating seeds of birch. Heard an Anna Hummer (over)

As we returned to the Prairie Cables there were many Audubon Warblers and Bush-tits there.

1~~8~~9 species. Exp. Varied Thrush, G-c Kinglets

Dec. 13. I heard a Gnatcatcher in the marsh across Mosswood Rd. It called several times.
Clear. Air crisp. Warm in the sunshine.

Dec. ~~15~~ 16. We drove to Boulder Creek and back. We stopped at Mt. View Marsh and Dum-Bridge on the way back.

Mt. View Marsh. Tide 6:3 at 10:21 a.m. Reached the marsh at 3:00 p.m. Still plenty of water but birds were most numerous at some distance from road. Very abundant: Near the fence, Dowitchers, Red-backed and Western Sandpipers, Some Willets and Bb. Plover. A few Godwits and both kinds of Curlew but these were more abundant farther out. Also Avocets, many more than earlier. More gulls than usual. I didn't see any Least Sandpipers near the road. It is the Godwit that shows the dark spot on the forward part of the wing when it flies.

Dumbarton Bridge: Eared Grebes 250±. They were diving very actively so I could not tell whether the albino was there. Avocets - very closely bunched 350±. Willets 150±. No Sandpipers seen. 10 Pintails near roadway. No Pel., Egrets.

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Dec 16. (contin) Near Santa Clara, a Sparrow Hawk was on the ground beside the road. He flew away with a small bird in its talons.

Dec. 18. Still clear. No wind. Birds decreasing.

Dec. 21. Still clear. Colder but no frost. One Hermit Thrush banged against the living room window when attacked by another Hermit Thrush guarding the toyon berries below

Dec. 25. Light frost after rain. Black Phoebe S. Stadium

Dec. 26. A little rain. Snow in mountains. Yesterday I put out a very large Sunflower head on an Oregon holly wreath on the usual feeding branch. This morning the seeds were almost gone. Fox Sparrows as well as Calif. Jays and Titmouses ate them. Gt. Horned Owls have been calling at night. Probably a pair as one called in a low key, the other responded almost immediately in a higher key.

Mrs. Leavens told me she saw a Red-breasted Sapsucker in Tilden Park. An Anna Humming bird was annoying it as it perched in a Eucalyptus tree. Warmer.

Many Audubon Warblers in shade trees at Benvenue and Parker

Dec. 27. Gt. Horned Owls very near last night. L. H. saw one perched on a clothes reel at Panoramic above Orchard Lane (Mosswood Lane) and later on the roof of a house ~~at~~ near Arden Rd.

Cloudy, warm

1939

Dec. 31. Raining steadily.

1940.

Jan. 1. Raining. There has been so little rain so far that the hills have been as dry as powder with no signs of green showing. The total for the season was only about 2 ½ inches. There has also been no frost to speak of — weather warm with much clear sunshine and very little wind.

Jan. 2. Still raining much of the time. One can see the green on the hills.

Jan. 3. Cloudy. We decided to start to Boulder Creek but did not expect to reach it as rain was threatening. At Dumbarton Bridge visibility was very poor as there was a low fog. A flock of sandpipers were Red-backs. Large numbers (400±) of Eared Grebes and the Albino in a group very close to the highway. There is a line of pale gray from the top of the head down the back of the neck. Willets abundant. Avocets 100±; in the distance a great raft of waders but too far to be sure of. Spoonbills were numerous — the first time so far. Bonaparte Gulls — 200±.

At Mt. View Marsh the tide was just going out. Plenty of mud exposed but not too much. Visibility poor because of low lying fog.

(over)

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American Egrets were conspicuous, 10 seen. Spoonbills - two groups 30± ; Gulls, esp. Ringbills and Bonapartes; An abundance of Redbacked, Western Sandpipers, Dowitchers, Willets, Bb. Plover, Godwits; also a number of Longbilled and Hudsonian Curlew and Avocets. I did not see any Yellowlegs - Probably there were Least Sandpipers but I did not see them through my glass. The low lying fog and the fact that I had broken my bifocals made it hard to scrutinize species closely.

We had an hour at the cottage without rain. Many seeds are up. Weather warm. They reported 9.22 in. rain since Dec. 31. We returned by the Los Gatos Highway but all the mid part of the road (summit) was in the dense cloud. Heavy rain from Mission San Jose to ~~Oakland~~ Berkeley

Jan. 4 - 10 Almost continuous heavy rain. About 7 inches; so that we are above normal. Robins are very abundant. They are clearing the cotoneasters of berries along the parkways in different sections. A thrasher sings continuously each morning near the house.

Jan. 11 Still raining.

Jan. 12. Wind changed to N.W. Clouds broken. Since weather was apparently changing we packed up and started to Los Angeles. We went first to Boulder Creek where we found they had had 28 inches of rain. After lunch and a few minutes at the

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cottage (where it had rained in around the chimney and in the bath) we went on as far as San Luis Obispo. At Moss Landing we noticed shore birds at the left of the road where many fields usually dry were overflowed. Most of the birds were Willets and Hudsonian Curlew, some Long-billed. (Perhaps 200 Willets, 90 Hud. 10 Lb.) No more stops for birds. Saw a few Yellow-billed Magpies and the usual Sparrow Hawks, Shrikes, Linnets, Goldfinches, Crowned Sparrows, Brewer Blackbirds, W. Bluebirds,

Jan. 13. We went on to Santa Maria Inn for breakfast. Clear, crisp. Green everywhere. Rain has been abundant everywhere. We drove over San Marcos Pass for the first time. It was a beautiful drive and views were gorgeous from the summit. As we passed Pt. Mugu the N.W. breeze died down and we stopped at the lagoon a few minutes to look at the birds there. Several Long-billed Curlew, and a group of Willets, one Am. Egret as well as gulls and Gt. Blue Herons, and Eared Grebe. Along the Roosevelt Highway wherever fresh water came into the ocean there were large assemblages of gulls, some Brown Pelicans, Cormorants and Coots. A few Bluebills were seen but ducks were very scarce.

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We had lunch in the edge of Santa Monica on the ocean front where we sat at a table outdoors and shed our coats as too warm. Went on to 1632 Virginia Road. Very warm and sunny.

Jan. 14. We sat on the terrace or deck most of the morning enjoying the sunshine. Birds noticed: Mocking bird (singing), Black Phoebe, Anna Hummingbird, Audubon Warblers, Gambel Sparrows, Song Sparrow (singing freely). After dinner (noon) we drove on to Palos Verdes where we spent the night.

Jan. 15. Still delightfully warm. Ocean clear and placid. Birds noticed: Hermit Thrush, Mocking bird (silent), Song Sparrow, Audubon Warblers. After lunch we drove on to Palm Springs via Long Beach, Anaheim, Santa Ana Canyon, Corona, Riverside, Beaumont, Banning. Arrived about 5:30 p.m. Stopped at La Cita.

Jan. 16. I was outside at 7 a.m. sun just rising, and the rocky hill behind La Cita a bright golden brown. In the town Linnets and Goldfinches were singing everywhere. The first note I heard before I got up was that of the Say Phoebe which was seen later on the roof. The Black Phoebe was in the garden too. As I got out into the desert regions W. Bluebirds appeared.

Audubon Warblers numerous

Gambel Sparrows abundant

many of them in immature plumage. They seemed to be eating berries (?) in the mesquites and were very abundant. Then I heard a wren which sang like the Vigors Wren. A little later a Cactus Wren mounted to the dead tip of a tall slender shrub and stretching its neck up gave a grunting call note, repeated several times. Its neck returned to normal - then he stretched it out again and repeated the same notes again. Next I caught the motion of a bird as small as a bush-tit but with a shorter tail and as it turned toward me it showed a yellow face so I knew it was a Verdin. In a moment it flew to a very low gray-leaved shrub where it (a female) joined a male in brighter plumage. I heard no note. An Anna Hummingbird visited a Hummingbird bush with red blossoms. Its crown and gorget flashed vivid red in the clear sunshine. Another Hummer had been seen earlier but on a level with the sun which shone directly in my eyes as I looked at it. I saw a Ruby-crowned Kinglet and heard a flicker. I had to return for breakfast at eight but as I left I saw a Desert Sparrow which showed a decided white line above the eye but had a white throat.

1940 Palm Springs

As we started to leave after breakfast I heard a sharp insistent single note in the vacant lot back of La Cita and following it up saw a Verdin again.

There were a number of scattered flowers in bloom - sand verbena, Humming bird bush and several others I did not know. We were told there were many more toward Indio so we drove on and found many places where there were masses of Verbenas. At Shield's date farms there were many evening primroses also. They were very beautiful on the little sandy hills and in wide stretches between - snow-clad San Jacinto and San Bernardino in the distance gleaming white in the sunshine. Colors were exquisite. There was considerable rain on the desert last week. Last night was chilly but no frost. Very clear. Birds: Mockingbird singing, Gnatcatcher, Gambel Sp., Linnet, Ar-Goldf. Aud W

At Indio we turned back on the main highway and drove as far as San Bernardino where we had lunch. Not many flowers on that roadway - Occasionally a Shrike, Sparrow Hawk. At one stop near Indio a huge flock of Gambel Sparrows

We continued through Cajon Pass and then drove on to Palmdale and Lancaster. Until we neared Palmdale the only bird I saw was a single Crow. But from Palmdale on birds were much more conspicuous esp. Lancaster to Gorman: Meadowlarks, Linnets, Br. Blackbirds, Sparrow Hawks etc., Horned Larks, Bluebirds. Shrikes. At Lancaster we turned west to Gorman on the Grapevine Grade and then on to Tulare for the night. We had dinner at the Tulare Hotel where the dining room walls are covered with framed specimens of plants collected by the owner (Whitton?)

Jan. 17. High fog covered the whole valley and became lower the farther north we drove so we took the Los Banos road intending to return via Pacheco Pass but the fog lifted on that side of the valley so we came up via Gustine to Tracy where we had lunch. Then we drove up into sunshine in Altamont Pass and reached Berkeley before 3 p.m. We found it clear with a little north wind — not warm.

Jan. 24. Cloudy a.m. rainy p.m. The Lady Birders went to the Aquatic Park. Found: Eared Grebes 4, W. Grebes 2 (on bay); Gulls: Bonaparte, many; Calif. many; Ring-billed fewer, Glaucous-winged a few, mostly imm.; Western (1), Ducks: Ruddy, Lesser Scaup very ab.; 1 ad. male Red-breasted Merganser; several Surf Scoters, a few W. w. Scoters, Canvas-backs, few mallard Am. Golden-eyes 15-20 f. im. or females; Far. Cormorants 20±; Am. Egrets 3; Coots 2; Sanderling 150±; Least Sandp. 40±; Western Sandp. 50±; Redbacks 10±; Meadowlarks, a large flock; a few Br. Blackbirds, Pipits, Song Sparrow. Linnets. 27 sp.

1948

Jan. 24 (contin.) On the bay there great numbers of Lesser Scaup and Ruddy Ducks. Visibility was too poor to make out other birds. The Sanderling flew in while we were at the pools. The Sandpipers were at the Ashby Ave. pool. The Least Sandpipers were bunched together as close as they could stand, asleep - on the mud. The Western and Redbacks were near the K.R.E. station - The Western Gull was on the boom near the island. No doubt there were many more on the bay shore. Bonaparte Gulls were surprisingly abundant for midwinter.

Jan. 25. Heavy rain. Warm.

Jan. 26. Showers. When I went out between showers I noticed a flock of Pine Siskins in the oaks. Song Sparrow was singing. Heard or Saw Brown, Spotted Towhee, Fox Sp., Hermit Thrush. R.c. Kinglet, Calif. Jay. Wren-tit, Bush-tits, between 37 Moorwood and 73 Parso

Jan. 27. Warm. Sunny. 1 Titmouse 1 Song Sp. 1 Pigeon were singing at [illegible] [illegible]

Jan. 28. Boulder Creek. Heard W. W. Wren. Warm, cloudy.

Jan. 29. Went to Palo Alto. At Dumbarton Bridge birds were scarce in the morning - tide low, feeding in the marshes. In the afternoon at high tide they were crowded on certain dykes and in certain pools. There were very few Eared Grebes (30±) and we did not see the albinos. They were all diving actively.

In Palo Alto I heard the spring song of the Spotted Towhee. Many Titmouses singing. Very few pipits at bridge. Warm.

1940

Feb. 1. A Western Gnatcatcher came into the deciduous oaks east of the house. He remained several minutes, calling frequently. The Thrasher sings each morning east of the house – at some distance. Raining.

I heard a titmouse calling persistently as I stopped to watch him. He was looking for food in the oak tree next to the west windows. He continued to call until another titmouse came around the corner of the house and joined him in the same tree. Then he stopped calling. I have noticed this often.

Feb. 3. Still raining. I watched a Fox Sparrow eating a large white mushroom.

Feb. 2. I was driving along the north end of Oxford St., Indian Rock Ave., Sta. Barbara Rd., Robins were flying in great numbers and the electric wires for four blocks were covered with robins.

Feb. 4. We started off in the rain to Boulder Creek. Took Mr. and Mrs. McLane. In the overflowed fields near Mt. Eden we saw only Coots. Near Alvarado nothing.

At B.C. I heard a junco singing. Warm

Feb. 6 Raining early a.m. I saw an Eastern Fox Sparrow scratching in the leaves near the lower pool. Twice I saw it pull out a long angle worm and eat it. It did not break it up but

pulled it in a little at a time. Head gray.
Red brown on sides rump tail, cheeks. Breast spots.
Warm.

Feb. 8, 9. Clear. Air cool. A Thrasher sings in the distance - toward upper Panoramic. The dead cypress which has been used as a perch for several years has been taken out. (Above Moorwood Rd). The Thrasher is the only bird that sings at dawn now. On Feb. 8. I heard a Green-backed Goldfinch singing just east of the house.

Feb. 10. We drove to Boulder Creek via Dumbarton Bridge. Birds seen there: Spoonbills 100±. Eared Grebes 400+, albino seen. Willets, 20±; Red-backed Sandpipers ab. 200±. 1 Am. Egret.

Feb. 11. Boulder Creek. Cool - Clear sunshine. Flocks of Chickadees. Juncos. Gr. Goldfinches, Siskins, Sp. Towhee. Frost, early a.m.
At Dumbarton Bridge: Spoonbills, Redbacked Sandpipers ab. A few Western and possibly Least.
Tide was high and on one dyke Willets were crowded 300±. These [illegible] very rough. The greatest seen.
At Mt. View Tide was coming in, almost at high. 1 Egret. Bb. Plover 100+, Willets, Spoonbills ab. When the birds were disturbed a group of about 30 Curlew rose - most of them Long-billed. Some Hudsonian

1940

Am. Godwit Seen.

Feb. 13. Faculty Section walked from Stadium Rimway to Botanical Gardens. Birds very scarce as compared with Nov. Dec. Only two R.c. Kinglets heard. No Audubon Warblers. Two small flocks of siskins, feeding on alder catkins. 1 Flock of robins. 1 flock quail. 1 G.c Sparrow, 6-8 Pugetensis, 3 Hermit Thrushes, two Redtails, two Black Phoebes (one near dairy, one at Botanical Gardens) many Calif. Jays, a few Coast Jays, several titmouses, a few juncos, Song sparrows, Spotted and Brown Towhees. Vigors Wren heard singing in two different places and calling in another. Cold wind. Rain in afternoon - cold.

As I came home I saw a pair of Bush-tits separated from the flock opposite 51 Canyon Road. The pair kept very close together, one of them pulling tiny bits from the bark of an elder berry. They flew high into an oak but I could not follow them through the dense foliage.

Feb. 15. Screech Owl trilling just before dawn. No dawn songs. Thrasher began 6:40 a.m. Spotted Towhees singing later.

Feb. 16. When I went near my window I heard a low whisper song. I finally recognized it as To-wheeit, Tee-diddle in rapid succession, - could not see

whether there were two birds, each singing one
of the phrases or just one uttering both phrases.

Feb.16. ~~Jan.~~ Heavy downpour during night.

Feb 17.18 Boulder Creek. Garden work.
Juncos singing. Varied Thrushes along roadway.
Heard Hutton Vireo. Flocks of Chickadees.
Fox Sparrows seen.

Feb. 19. Cold north wind. Clear.

Feb. 20 Cold wind. Cloudy.

Feb. 21. Cloudy with rain. Heard a Purple Finch
sing its full song. Thrasher still sings
in the distance. Only one within hearing.
Vigors Wren and Song Sparrow sing occasionally.

Feb. 23. Friday. Went to Boulder Creek in afternoon.
Raining when we left, Cloudy all the way.

At Dumbarton Bridge - Lesser Scaup 500±
Spoonbills 100±
Eared Grebes 3.
Willets a few
Am. Egrets 6.
Rb. Sandpipers a few.

Mt. View Marsh.
Bb. Plover 100 ?
Willets 100 ?
Long-b. Curlew 40±
Hudsonian C. 10±
Yellowlegs (Gt.) 2
Sandpipers
Least 100±
Redbacked 30±
Spoonbills 20±
Killdeer - a few.

Tide right. Light reflected from clouds. Difficult

Feb. 26. 4 1/2 in. rain.

Feb. 27. A terrific down pour about 4 a.m. with high wind. Certain stores on Euclid Ave. flooded by bursting of culvert. 3.5 in rain.

Feb. 28. Sunshine during morning. The Lady Birds walked through the lower campus. Birds were not abundant. Only flocks seen: Pine Siskins 8-10, near M.V.Z.; juncos near Astronomy Bldg.. one group of Nuttall (or Pug.) White-crowned Sparrows south of Life Science Bldg. Purple Finch singing; Three Anna Hummingbirds seen; A pair of Bush-Tits prospecting for nest site; three Flickers seen, 6-8 Brown Towhees; 2 G-c Sparrows. 3 Ruby-crowned Kinglets - one in full song. Three Song Sparrows, one Spotted Towhee. Much mud and water on paths and roads. Streams full and muddy. Warm. Woolsey Creek burst through its culvert.

Feb. 29. Clear. N.W. wind. Cooler. I heard the chip of a Lutescent Warbler - no song. Did not see the bird.

Mar. 1. Lutescent Warbler song heard.

Mar. 2. A Cooper Hawk was calling just outside my window about 7 a.m. We drove to Boulder Creek which has been isolated since Feb. 21 by the floods - 19 in. during the week, 11 inches in one day. Many major slides (across both lanes). Went by Los Gatos, returned via Saratoga. Counted 24 major slides between B.C. & Sar.

Mar. 2 (contin.) Near Milpitas we noticed a very long line of gulls - about half a mile long - flying northward - Apparently they were descending as if to alight on the bay. This was in the morning about 10 a.m. They certainly suggested a movement from the south to a more northerly feeding ground - one lap in migration.

Mar. 3 - Boulder Creek - A beautiful spring day. Daffodils and Baby Blue Eyes in bloom. One Hermit Thrush. Three to five Varied Thrushes. Chickadees in flock, Juncos singing, one as if located for nesting.

Mar. 4. Berkeley. The Allen Hummingbird group had their first spring trip in Codornices Park. Overcast, clearing after noon. Birds not abundant. Only 3-5 Audubon Warblers; no H. Thrush. One small flock White-crowned Sparrows; a few G.-c. Sp.
Singing: Purple Finch, Song Sp. (a few), Wren-tit, Gr. Goldfinch,
In pairs: Bush-tits. One nest in weeping branches of (red?) Eucalyptus in Linforth garden 1/3 done. Bird collecting ~~straws~~ cobwebs of cocoon.
List: Redtail (1); Quail (flock); Anna Hummingbird 3 ♂; Allen Humms 1 ♀; Flicker 3; Calif Jay 8 ±; Bush tit, one small flock, six pairs - 1 Wren-tit; R.-c. Kinglet 8 ±; Audubon Warbler 3-5; Eng. Sp. (near Mrs. Drakes); Calif. Purple Finch Linnets, Green-backed Goldfinch, ~~Lawrence Goldfinch~~,

Spotted Towhee " Brown Towhee ab., Juncos, White-cr. Sparrows, G-c. Sparrow, Song Sparrow

The goldfinches were feeding on dandelion seeds. Some were gray with two white wing bars and a small patch of black both above and below the bill; bill quite light ~~on the sides~~. But some of the Greenbacks showed black on the chin - possibly stained by food? One Sh. Sh. Hawk dashed through the trees.
22 sp.

Mar. 5. Mrs. Fletcher's group went to the Aquatic Park. Beautiful weather but heavy fog at first at the pools.

Bird List; Pied billed Grebe 3; one struggling with a fish about 4 inches long. Finally swallowed it.

Farallone Cormorants, 15-20. Fishing.

Gr. Blue Heron 1 - | Lesser Scaup most ab. 100s.
Egret 3 - | W.Wing. Scoter, Surf S. Can. Ruddy.

Red-breasted Merganser 3 ō. Fishing. The double pointed crest showed very plainly when the bird was swallowing a fish.

Least Sandpiper 20±; Western 20±.

Sanderling 30±; Gulls: Glaucous-wg., Western, Calif., Ring billed. Bonaparte. Some of the Bon. w. black heads.

Pipits, a few; Salt marsh Yellowthroat, singing.

W. Savannah Sparrow 20-30; Puget Sd. White-cr., Song Sparrow. Nuttall Sparrow - several singing.
24 sp.

At 37 Norwood Rd. Lutescent Warbler singing.

(Intermediate plumage of Scoters - Yellow bill, no white patch

1940

Mar. 6, 7. Warm. Songs: Thrasher (continuous - only one within hearing and that one at some distance); Wren-tit (frequent); Lutescent Warbler (occasional); junco (flocks); Song Sparrow (spaced for nesting -)
A pair of Bush-tits come to the pool.
A group of 6-8 Aud. Warblers near the house. (Dec.)

Mar. 9. Near Alvarado in the rain pools we saw two Yellowlegs and many Pintail Ducks.
Chilly north wind. Boulder Creek. Breezy.

Mar. 10. Boulder Creek. Light showers. Cool. Breezy.
Robins, Varied Thrushes, 1 Hermit Thrush, 1 Fox Sparrow, Brown & Sp. Towhees, Chickadees (flock), juncos - single, near shrubbery.

Mt. View Marsh. 3 p.m. Tide high 4.9 ft. Clear; cold north wind. Flocks of birds in flight over the water, gleaming white on the breast. As they came nearer I could see black patches under the wings - Black bellied Plover. 300± Only two seen with some black on the belly - Toward the north end Curlew, both Hudsonian & Long billed became quite plentiful - perhaps 25 Lb. 20 Hud.; 15 Godwits, very few Willets. Ducks - Canvas-backs (30±) and 1 Ww. Scoter. Tide too high for feeding.

Dumbarton Bridge - 3:30 p.m. Salt pools very rough in wind. Two large groups of Eared Grebes (300±), could not find the albino.

→ 8 Avocets in one group with cinnamon necks.
→ 8 Terns in one group (probably Forsters though they looked small.) Some Red backed, W. & L. Sand. Ducks: Bluebills, Canvas backs.)
Berkeley - Cold with N.W. wind.

↳ To the north in the distance there were huge flocks of very white birds (not gulls) flying in formation (like sandpipers) and settling. Too far away for identification. (Avocets?)

Mar. 11. Clear. Less wind. Allen Hummers went to Tilden Park. 25 species.
Bird List: Redtails - 1 pr. soaring.
Quail
Anna, Allen, Rufous Hummers.
Flicker, Black Phoebe,
Calif. Jay, Coast Jay.
Titmouse, Bush. tit, Wrentit,
Vigors Wren, Ruby. c., *Golden-cr. Kinglets,
*Hutton Vireo, Lutescent & Aud. Warblers
Calif. Purple Finch, Linnet, Siskin,
Brown & Spotted Towhee, Juncos, Song Sp.

Humming birds were very conspicuous, doing the pendulum near a perched Calif. Jay. Female Annas were seen.
Golden-cr. Kinglets (8-10) feeding in a live oak tree.
Hutton Vireo, in the willows & oaks. Song and call note heard. Came very close to us.
Lutescent Warblers were spaced for nesting and singing freely. Juncos & Bush-tits in flocks.
Titmouse, Vigors Wren, Song Sp. singing.

Mar. 12. Cold north wind. Codornices Park (Faculty Gp.)
No black seen on chins of Goldfinches. Perhaps those seen last week had been feeding on something that stained the feathers. Bush tits nest being lined with fuzz from the willows. Anna Humming bird hovering. Lutescent Warblers singing (Only S. W. heard) And Warblers increasing. Nuttall Sparrows ~~Warblers~~ singing near the Rose Gardens. One group of 13 Gambel (?) Sparrows on the lawn. Many Gr. Goldfinches. They perched in a large bare tree, all twittering. A few siskins with them. Then they flew to the grass plot and fed on dandelion seeds

Mar. 14-16. A pair of Lutescent Warblers are located near the East pool. Much chipping and frequent songs.

Mar. 15. Showers.

Mar. 17. Boulder Creek. Beautiful spring day. I heard a Warbling Vireo sing several times. Puget Sd. Sparrows were singing in the town of Boulder Creek and at several places in the Santa Clara Valley. Very few have been heard during mid winter. Very few seen.

Mar. 19. Codornices Park. Lutescent warblers spaced for nesting. Bush-tits nest - birds still carrying in lining material. Cedar waxwings 20-30 came into top of Eucalyptus below the Rose Garden. Purple Finch and Junco singing. Also Robin, Song Sparrow, Vigors Wren (?), Linnets, Siskins,

Pkf. Goldfinches. No Pileolated warblers yet.
House Wren singing near 29 Mosswood Rd.

Mar. 20. Warm spring day. Heard a Western Flycatcher east of the house. Lutescent warbler came to bathe in east pool in afternoon. Hermit Thrush came to pool. ~~and~~ Juncos in a flock. House Wren singing in same territory as yesterday.

Mar. 21. In the pool near Alvarado there were 36 Yellowlegs. They seemed to me to be Greater Yellowlegs. I have never seen so many together before. There were a few Dowitchers and Red-backed Sandpipers.

At Santa Cruz on the West Cliff Drive I found no swallows or Guillemots yet. On the ocean there was a raft of more than 150 Brown Pelicans. They were seen first flying in close formation, then alighted with great splashing of water. Near them were many Cormorants. On the rocky shores there were many Sanderling and Black Turnstones. Other birds seen were W. and Eared Grebes, White-wg. & Surf Scoters, Gulls. One diving bird with large white wing patches seen at a distance may have been a Guillemot.

W.W. wren singing near Old House - Big Trees.

Mar. 22. Boulder Creek. Beautiful warm day. We explored the river banks where great quantities of sand have been deposited and much drift wood. One large tree was five ft. in diameter (redwood) - in three pieces

A whole side of a cabin about six by eight ft. containing a window (minus glass) was intact except for the outside covering of split red-wood logs — all new. Another piece was long and narrow. Much broken crockery etc. Enough wood to supply us for two years at both houses. A pair of Kingfishers flew past us.

Mar. 23. I heard the Creeper singing. Also a Warbling Vireo and Western Flycatcher. A Spotted Towhee had a very vibrant call. On the way back to Berkeley we stopped at Mt. View Marsh. A little late for the turn of the tide but many birds visible and calling; Bb. Plover, abundant. About 1/3 in full plumage, 1/3 half and half. 1/3 winter pl. Long-billed Curlew — about 75, perhaps more. Hudsonian Curlew — very few; perhaps seven or eight. Willets ab. 1 Yellowlegs (Gt.); 2 Godwits. Many flocks of Sandpipers (in distance); — one Redback near by in full plumage. Killdeer, many. Dumbarton Bridge: At the east end of the Bridge about 100 Cliff Swallows on the wires; many flying. Bryant Sparrows singing; Linnets. Eared Grebes and Bluebills in a close raft, very far away — 300 to 400. Could not see the albino. Avocets 5 in close bunch near the spot where they had their young last year — all with cinnamon necks.

Willets 100s on the usual dykes. California Gulls by the hundreds, resting on the dyke, on the salt pool (to North) and flying nearer the hills. (No terns seen). Rails at west end of bridge.

Mar. 24. Easter. Rain.

Mar. 25. Allen Hummer Group went to Contra Costa Co. Cloudy – not cold. Birds very abundant.

On the way to Moraga we stopped where a large flock (60+) of Puget Sound Sparrows were singing. They were feeding on the ground, also on the tassels of the willows. A Redtail and a Turkey Buzzard were soaring very near together. At St. Mary's College we walked along a trail on the south side of the lake where we saw twenty or more species. Near the college there were W. Bluebirds and one Nuttall Sparrow was singing as if nesting there.

We went on to the Haverland Ranch where we ate lunch. A Slender-billed Nuthatch came into the oak tree near us and we watched it as it explored a large branch, going on the under side, then the upper side and around the branch not bracing the tail. A Titmouse was giving all its calls.

Full list: Turkey Buzzard, Redtail, Sh. Sh. Hawk, Quail (heard), Mourning Dove (heard), Anna H. (male & female) Allen H (female), Calif. Woodpecker, Flicker, Black Phoebe, Western Flycatcher (heard), Tree Swallows, Calif. Jay, Titmouse, Bushtit, Slender-billed Nuthatch, Wren-tit, House Wren, Vigors Wren, Hermit Thrush, Robin,

1970

Western Bluebird, R-c Kinglet, Shrike; Lutescent, Audubon, Pileolated warbler; Redwings, Meadowlarks, Brewer B., Eng. Sparrow, House Finch, G.b. Goldfinch, Siskins, Spotted + Brown Towhees; Nuttall + Puget Sd. Sparrows, G-c. Sparrows, Song Sparrows. 40 species.

A large flock of siskins were in the top of a bare tree all chattering. A gun shot was heard and they all flew out and circled back into the tree.

Rained all night. House Wren singing under my window.

Mar. 26. Rained all day. I was waked up by the "Sweet, sweet, sweet" call of a titmouse under my window.

Mar. 27. The Ruby-crowned Kinglet was singing continuously at 6:30 a.m. Cloudy, no rain.

The Lady Birds went to the rain pools between Haywards, Mt. Eden and Alvarado. Yellowlegs (Greater) were very numerous (36 seen); Avocets 40±; Dowitchers 15-20; Sandpipers (sp.?); Coots and Shovellers abundant; Very few Pintails. (No teal seen). We went through Dublin Canyon and returned via Saranap where we saw a Townsend Solitaire at Mr. Haverland's Bee Ranch. Mrs. H. said it had spent the winter there. It was very easy to see as it perched on the electric wire, on the tip of a low tree and in a bare walnut tree. At last it disappeared in a live oak in which there was much mistletoe. (Does it feed on mistleto berries?) I am sure I heard the call of an oriole. Willow Goldfinches seen.

Titmouses were building in a bird box.

March 28. Charter Day. Raining.

March 29. Cloudy early, heavy rain all ~~day~~ afternoon and all night.!

Before 9 a.m. I noticed many songs in the trees east of the house: Per. Residents: Titmouse, Wren-tit, Spotted Towhee, Song Sparrow. Winter Visitants: Ruby-cr. Kinglet, Hermit Thrush, Junco (flock), Fox Sparrow, White-cr. Sparrows. Summer Visitants: House Wren, Lutescent Warbler, Pileolated Warbler. New leaves are out on the oaks and even the sparrows are feeding on the worms.

March 30. Still raining; — 2 in +. in 24 hours. Same birds as yesterday except that I did not see White-crowned Sparrows or Hermit Thrush. But there was a large flock of Audubon Warblers present. I could see them pulling out the worms.

March 31. Heard the call notes of a Hermit Thrush. A Western Flycatcher was calling continuously east of the house. Rain most of the day.

April 1 Beautiful sunny day. House Wren with mate at the upper box I cleaned out yesterday. W. Flycatcher calling. Have not detected the presence of a mate. H. Thrush, Fox Sparrow, Aud. Warblers. Juncos in oaks.

1940

Heard Tolmie Warbler singing at end of M. Road.

Apr. 2. Cloudy, cold S.W. wind. Bird trip up Strawberry Canyon. Birds abundant and many songs; Redtail, Quail, large flock; Black Phoebe (spring calls - near dairy and later near swimming pool); Western Flycatcher (not common yet); Bush-tits (pairs only); Titmouse (singing); Wren-tit (singing); Vigors Wren (only one heard singing; House Wren (one pair at 49 Canyon Rd. male singing); Hermit Thrush - several seen, one singing at head of canyon near Str. Creek; Robins, R-c Kinglet (only one heard); W. Vireo, several heard, one seen; Lutescent Warbler spaced for nesting, males in full song; Audubon Warbler - feeding in oaks, singing; Townsend W. (one heard once); Tolmie - south of swimming pool - seen and song heard; Pileolated Warbler - several singing, esp near Str. Creek; Purple Finch - three at the top of pine tree, others singing in oaks; Linnet - one flying over; Gr. Goldfinch one singing near stadium; Siskins, several small groups flying over; Juncos one flock; Brown & Spotted Towhees as usual; Fox Sparrow - one; G-c Sparrow singing; Song Sparrow - singing - many spaced for nesting.

(Six cats near 51 Canyon Rd. - four half grown, high in ~~the oaks~~ one oak tree,

(No thrasher heard)

Apr. 3. Rain.

Apr. 4. Clear. Lutescent Warbler is the first bird to sing each morning. So far as I have been able to discover it seems to be the only bird nesting near the house toward the east. A song sparrow sings occasionally but I see no signs of its nesting very near. The House Wren sings near the box occasionally.

Apr. 6. At the Niles Nursery Mockingbirds and Gambel Sparrows were singing. There were two Mockingbirds within hearing, perhaps more. Gambels song: — ∞ ≚ ✓ — ‾.
Boulder Creek: Cassin Vireo and Black-throated Gray Warbler singing – not heard two weeks ago. Warbling Vireo and Pileolated Warblers with mates and probably nest-building – at least they were seen near the same spot over and over again.
River very high due to heavy rains Mar. 29-31. total 78+ in.

April 7. At Mountain View Marsh – Tide right. many birds visible and when a hawk flew over great flocks rose excitedly.
Bb. Plover, 1005 – many in full plumage, one very spotted, some in winter plumage.
I saw no Long-billed Curlew. Hudsonian Curlew very abundant – One held its head straight up and called continuously.
Willets less abundant than usual; Lesser Yellowlegs 2 – (seen very near a Willet and emphatically smaller) (over)

1940.

Apr. 7. (contin.) Mt. View Marsh.

Least Sandpipers - abundant; Western S. - abundant; Redbacks abundant and many with black bellies; Long-billed Dowitcher, 12-15; Godwits 15-20; Avocets 3, single and separated; Pintails - a few (3-6)

Dumbarton Bridge: Eared Grebes, five in one group, three in another; Shovellers ab.;
abundant in spots;
Bb. Plover, H. Curlew, Willet, Red-b. Sandpiper, Godwit; Avocets 8-10; Bonaparte Gulls with black heads on easternmost salt pond north of the road; Terns 4 (Forster?) Cliff Swallows ab., a few Barn Swallows. East of the bridge - linnets, pipits ab.), one Horned Lark heard. Birds very few as compared with two weeks ago - except H. Curlew which I seldom see here.

April 8. The Allen Hummingbird Group went to Alum Rock Park. Cloudy - warm. Along the way we saw Brewer Blackbirds, Redwings, Shrike, 1 Crow (near Berryessa), Meadowlarks. Linnets. When we reached the creek from Alum Rock Canyon we stopped near an old farm house where we found the House Wren, a Mockingbird (?), W. Bluebird, Chipping Sparrow, Cedar Waxwings and the first Grosbeak of the season. A flock of Gambel Sparrows - very gray and singing. Also many Gb. Goldfinches, Linnets, Purple Finch and a Sparrow Hawk and Flicker and Mourning Dove, and a Black Phoebe.

In the park itself we soon found the Canyon
* Wren at the narrowest part - a pair on the rock cliff. The male sang frequently and kept near the female as she gathered nesting material and carried it into a hole in the cliff. A Black Phoebe was on the same cliff. Swallows were circling in the distance. Later we walked up a horseback trail on the south side of the stream (very full in contrast with 1938, Apr. 27) where we had a good view of the Warbling Vireo.

List: Redtail, Sparrow Hawk, Quail, (Gt. Yellowlegs - near Alvarado), Mourning Dove, Black Phoebe, Western Flycatcher, Flicker, Barn Swallow, Tree? Swallow, (Violet green and Cliff along the way); Calif Jay, Crow (near Berryessa), Titmouse, Wren-Tit,
* Canyon Wren, Vigors Wren 1, House Wren 5, Mocking Bird (? fleeting look); Shrike, Warbling Vireo, W. Bluebird, Lutescent Warbler - ab. in the park, only one Audubon Warbler, Cedar Waxwings (20+); Redwing, Meadowlarks - in pairs, male singing;) Brewer Blackbirds, Grosbeaks (first of season) - 3 seen or he Purple Finch, Linnet, Gb. Goldfinch, Spotted & Brown Towhe Chipping Sparrow - in orchard, Gambel Sparrow flock, Song Sparrow. Trees and wild flowers beautiful. No rain. A Cock Pheasant near Milpitas.

April 9. Beautiful day. Faculty Section went to Tilden Park. No Grosbeaks or Warbling Vireos.
S.V. W. Flycatcher, Lutescent Warbler, Pileolated W., House Wren. 5 Turkey Buzzards.
W.V. Cedar Waxwings, Aud. Warblers (flocks. singing)

1940

April 9 (contin.) Ruby-cr. Kinglets (several), Juncos.
In the distance I heard songs of Townsend (probably) Warblers.
Nests: Bush-Tit - in Eucalyptus; Titmouse in dead alder; Black Phoebe - under stone conduit;
Practically all species singing or giving spring calls. Both Flicker and W. Woodpecker drumming

At 37 Norwood Road at 11:45 a.m. - a great flock of siskins in the oaks. Also Aud. Warblers. Robins picking up worms.

April 10: Beautiful day. Birds feeding on oak worms: Audubon Warblers, G-c Sparrows, Purple Finches Robins, House Wren - pair at the box near dining room window - Lutescent Warbler - a pair near by. All singing. Guard call of quail heard - first time.
In the afternoon 2:30 - 2:45 a Purple Finch remained on one branch of an oak - 10 ft. from where I sat sewing. It sang sotto voce continuously for more than five minutes; then fed on oak worms; then sang in full voice several times. Still in same twigs when I left.

April 11. Beautiful warm day. Birds abundant: Hermit Thrush singing whisper song. Robins very tame - picking up worms on brick terrace. Purple Finches, Aud. Warblers, G-c Sparrows all singing. House Wren carried a long stick up to the

Flicker box where J. T. A. says he hears Screech Owls scratching about every night. Grosbeak singing.

Hot – 82° in San Francisco. 2 Burrowing Owls on fence
Apr. 13. On the Alvarado pond, we found about 15 Yellowlegs (possibly one Lesser), 4 Dowitchers, Sandpipers (some Redbacks in full plumage), and several Shovellers.

Apr. 14 Boulder Creek. Cooler. Birds heard: Western Flycatcher, Cassin Vireos (female taking spiraea bark for a nest, male staying in same bush and singing softly); Warbling Vireo, Lutescent Warbler – Pileolated, Black-throated Gray, one Grosbeak, – all singing. J. T. A. heard the Olive-sided Flycatcher.

Reached home in Berkeley at 3 p.m. Robins, Purple Finches, Pine Siskins in the oaks. G.-c. Sparrow singing. House Wren titmouse

Went to Rupert Moffitt's Garden party – Heard Puget Sound Sparrow on the way. In the Moffitt garden I heard Robin, Warbling Vireo, Western Flycatcher, Titmouse, Bush Tit (saw a pair). Waxwings, Grosbeak, Spotted Towhee, Song Sparrow.

April 15. Clear. Cold N. W. wind. A Red-breasted Nuthatch was calling outside my window. House Wrens still at the box next to dining room window.

April 16. Warmer. Fletcher group spent morning in Roble Rd. region. Audubon Warblers singing. Those with white throats were Myrtle Warblers, I suppose. No Kinglets. One Hermit Thrush. Some G.-c. Sparrows.

1940

Downy Woodpecker, with *no* red on head, giving the call of several sharp notes and drumming on dead stub. Many robins, siskins eating oak worms. S.v. W. Flycatcher, Lutescent & Pileolated Warbler, Warbling Vireo, Grosbeak. Singing per. res. Wren-Tit, Vigor's Wren, Black Phoebe, Purple Finch, Linnet, Song Sparrow. Spotted Towhee. 25 species.

Apr. 17. Beautiful day. Wild iris in blossom. The Tolmie Warbler is the most conspicuous singer near the house. He is nearer than in past years — about 200 feet beyond the house

Apr. ~~19~~ 20 2 Greater Yellowlegs on Alvarado Road. Calif. Lobelia beginning to blossom. At Boulder Creek I heard the song of the Monterey Hermit Thrush on the wooded hillside south of the Cottage. Several Grosbeaks singing. Olive-sided Flycatcher - one heard. One Laz. Bunting heard. Ceanothus and Pink Locust in bloom.

Apr. ~~20~~ 21. Boulder Cr. The Grosbeak was singing at dawn, followed by the other birds: Spotted Towhee, Juncos, Pileolated and Black-throated Gray Warbler, Cassin and Warbling Vireo. A pair of Gr. Goldfinches were flitting about together. No winter birds. At Mountain View Marsh birds were abundant. Bb. Plover, almost all in full plumage; Hudsonian Curlew abundant - No Long-bills. A few Willets; a few Godwits. Many Dowitchers in summer plumage. All three sandpipers; Western much less gray than in winter

Redbacks in full plumage. Many Forster Terns, actively feeding - Three Caspian Terns resting on edge of slough - very large with coral red bills.

One Hudsonian Curlew had an injured left leg - bent back at the knee - and the bill straight -

Near Alvarado a great flock of gulls was following a tractor. Many of them were Bonapartes -

Two Yellow warblers were heard as we drove along.

Heard, a Red-breasted nuthatch near the house.

Apr. 22. "The Allen Hummers" went to Alameda. Before crossing the bridge to Bay Farm Island we found one Hudsonian Curlew, a number of Bluebills, Forsters Terns and Bonaparte Gulls on the estuary and on the pools east of the shore road all three sandpipers in abundance - Dowitchers also; and a few Willets.

On the road to the garbage dumps across the bridge tide was in and birds were resting in certain protected places. Most of these seemed to be Dowitchers and Hudsonian Curlew. In the ponds on the Golf Course there were four female mallards, each one with six ducklings under protection swimming about on the water. Here we found also Horned Larks, a few pipits, Bryant Sparrows (6-8 in a group may have been Western S. Sparrows.) Brewer Blackbirds, Barn and Cliff Swallows and English Sparrow. Linnets. Gb. Goldfinch heard. A Salt Marsh - Song Sparrow was singing

1940

We lunched near the Radio Station where we found more Horned Larks, Bryant Sparrows, Linnets., Also Meadowlarks and Killdeer - evidently nesting. One Bryant Sparrow was seen carrying nesting material. Redwinged Blackbirds were seen and a few Farallone Cormorants

On the way home we stopped at Fernside Blvd. just as the tide turned and found the shore lined with the following species', 1 Bb. Plover (in grey plumage), 50± Semipalmated Plover, ~~est.~~ 6 Black Turnstones, several Hudsonian Curlew, a few Willets. the three kinds of Sandpipers and and many Sanderlin hundreds of Dowitchers, three Godwits. Also hundreds of Bon. Gulls and many Forsters Terns Ducks on the water were W. W. and Surf Scoters and Bluebills. Also some Coots. Cloudy with strong west wind. (We looked for Knots but did not find them.)

April 24. The ~~Laddy~~ Birds went to Alum Rock Park, On the way we stopped at the Alvarado Lobelia Pond where we saw two Greater Yellowlegs and several Red backed and Western Sandpipers. The full list for the day was: Blue Heron, Calaveras Reservoir; Buzzard - 6 in one group " " ; Redtailed Hawk Alum R. Sparrow Hawk, Quail - flushed one from a nest in the grass next to the roadway in Alum Rock Park. Their nest contained six eggs (Gr. Yellowlegs. Red-b. & West. Sandpipers, at Alvarado). Forsters Tern one at Calaveras Res., Mourning Dove, Anna Humm.

Kingfisher, Calif. Woodpecker, Flicker, Nuttall Woodpecker (Alum R.
Black Phoebe, W. Flycatcher, W. Wood Pewee (Alum R.),
W. Kingbird (Cal. Dam), Barn Swallow, Cliff Swallow,
Yellow-billed Magpie (Sunol), Calif. Jay, Coast Jay, Crow at
Calaveras Dam; Titmouse and Chickadee (Chestnut-
backed (Santa Cruz?) both in Alum Rock Park. Bush-tits,
Slender-billed Nuthatch, Wren-tit (only one heard), Rock
Wren (at Cal. Dam.), Canyon Wren (Al. R.), Vigors & House
Wrens also at A.R., Thrasher, Varied Thrush (plainly
seen on roof of small bldg. at Alum Rock, W. Bluebird at
Cal. Dam, Robin in valleys, W. Gnatcatcher, Cal. Dam.,
Shrike, Warbling Vireo, Lutescent Warbler, Tolmie Warbler, Yellow
Warbler, Brewer Blackbird, Redwing, Oriole, Meadow
Lark, Grosbeak, Lazuli Bunting, Linnet, Gr. Goldfinch
Brown Towhee, Spotted Towhee, Lark Sparrow, Junco (at
Alum Rock Park), Chipping Sparrow, Golden-cr. Sparrow,
Song Sparrow, Cloudy, cool. 59 Species.

April 25. A Bullock's Oriole was calling in the
woods east of the house at 6:45 a.m.
Later I heard the whistle of the Russet backed Thrush

Apr. 27. Boulder Creek. W. Tanagers were numerous. A Russet-backed Thrush was heard once.
Yellow warblers were singing. Other birds
as noted earlier.

Apr. 30. At Saranap Station birds were very abundant
and in full song: Mocking bird, Orioles, B. Blackb.,
Meadowlark, Grosbeaks, Yellow warblers etc.
At the Haviland Bee Ranch: Lazuli Bunting &
Yellow warbler, one Audubon warbler.

1942

Apr. 30. (contin.) At St. Mary's College (Picnic Grounds
Ash-throated Flycatcher, Wood Pewee, W. Flycatcher, Black Phoebe, Pileolated, Lutescent and Tolmie Warblers. At the Howard Garden a Vigors Wren had young out of the nest.
Old Canyon Rd. a family of Bush-tits were out of the nest and flying about in the oak tree where they were being fed by the parents. Warm - Partly cloudy -

May 1. A Western Tanager was calling outside my window at 6 a.m.
I cleaned out the titmouse box. The hole was completely closed by cobwebs and the box filled with sticks of last year's House Wren's nest. Also feathers. I left the box with the lid up while I went to get the step ladder. Almost immediately a Calif Jay came, alighted on the upturned lid. The lid fell down and closed the box. The jay alighted on the top and poked his head in at the hole and picked something off the outside of the box. Then another jay came and drove ~~him~~ it away.
A Brown Towhee on the roof of our house (north side) was singing a twittering song which I have heard only once before. As I watched him another bird appeared from higher up and began posturing and vibrating its wings. They flew away together.

May 2 - Showers.

May 3. The first bird to sing at dawn was a Tolmie warbler. A little later the Lutescent Warbler and a Robin began and then the House wren which always begins later than the others. About 6:45 a.m. I saw a Humming-bird take lichen from the oak tree near my window and a Tanager whistled and called. At 11 a.m. a Cassin Vireo was singing. Cloudy
Female Allen Hummer buzzing about the oaks.

May 4. Boulder Creek. Hermit Thrush sang continuously on the hillside across the river. Russet-backed Thrush in the garden. Bluebirds heard. Warblers: Lutescent, Pileolated, Yellow, Black-throated Gray - Flycatchers; Western, Olive-sided.

May 5. Mt. View Marsh. Tide out too far for best observations. Birds much less abundant: About 6 Bb. Plover, only one in full plumage. A few sandpipers; 30± Hudsonian Curlew, 6 Godwits, a few Forster Terns.

At Dumbarton Bridge 1000s N. Phalaropes 1 Avocet, 1 Eared Grebe in full plumage. Horned Lark on the fence, many Cliff Swallows. No pipits. A few sandpipers at west end.

May 7. I walked to the head of Strawberry Canyon going up on the north-facing slope and returning by the road to the Botanical Gardens. Perfect May morning. All birds except Goldfinches apparently settled in nesting territories. A decided change in species as I left the north facing

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and crossed the stream when Lazuli Buntings, Chipping Sparrows, Grosbeaks, Warbling Vireos first appeared.

Quail - no flock seen; very few heard.

Anna Humming bird - one female gathering food at twin-berry bush - trail.

W. Flycatcher - more abundant near stream -

Coast Jay - upper canyon -

Calif Jay - very silent - only two seen.

Titmouse - only two detected - one at end of Mosswood, one south of Bot. Gardens - singing.

Bush-tits - more com. at bottom and south-facing slope - only two pairs without yg - 8 prs. w. yg. At the swimming pool a family perched on the wire fence and on shrubs just inside. I counted twelve in view - probably more. 1 family

Wren-tit - four pr. on brushy hillside - not much singing.

House Wren - both trail and road and Bot. Gar - 6-8 prs.

Vigors Wren - only twice heard.

Thrasher - three heard - one seen - then singing

Russet b. Thrush - 4 heard, one singing in Bot. Gar.

Hutton Vireo - 2 pr. - near trail

Warbling Vireo - 8-10 singing, all near road.

Lutescent Warbler - 6-8 near trail

Tolmie Warbler - 10-12 near trail.

Pileolated 10+ near trail.

Grosbeak - 4 near road.

Lazuli Bunting - 8-10 near road.

Linnet - a few - Top of Panoramic Way and Bot. Gar

Purple Finch - 8+ singing near trail. 1 pr in pines, female

calling constantly - like young bird. They flew away together
✓ Gr. Goldfinch - a large flock in oak trees at junction of the
two roads (to Bot. Gard. & up stream).
✓ Pine Siskin - a few prs. in pines & cedars near trail.
✓ Spotted Towhees - 12-15 near trail especially.
✓ Brown Towhee — 6+ prs — only two near trail.
✓ Junco - 1 feeding yg. out of nest in pines near trail.
" 1 singing near swimming pool.
✓ Chipping Sparrow - three near road, south of Bot. Gar.
✓ Song Sp. abundant. general. 28 sp.

May. 8. Young Lutescent Warblers can be heard calling just east of bird path.

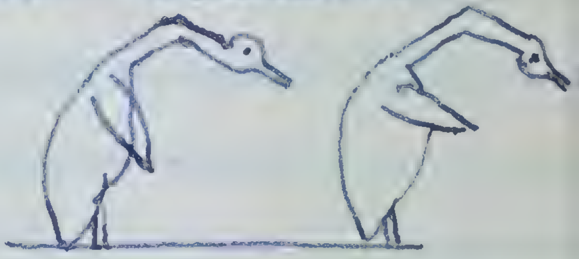
May 9. The Lady Birds went to Clear Lake. Summer day - Country green and wild flowers very abundant. First stop at southern end of the Silverado Trail where we had orchard, woods and stream side with twenty eight species of birds present. Such a medley of sound that we spent half an hour getting them all clearly separated. List: Grosbeak, Rb. Thrush, Vg. Swallow (nesting in holes in oak), Quail, Linnet, Yellow Warbler, Song Sparrow, Wood Pewee, Spotted Towhee, Bluebird, Downy Woodpecker, Cooper Hawk, Titmouse, House Wren, Creeper, W. Flycatcher, Lutescent warbler, W. Vireo, Cassin Vireo, Buzzard, Robin, Br. Towhee, Black Phoebe, Oriole, Rough-winged Swallow, Calif. Woodpecker, Crow, Lazuli Bunting.

We lunched at the Jerome Lanfield place and added there the Tolmie and Black-thr. Gray Warblers.

1940 Clear Lake

Chipping Sparrow, ~~and~~ Chat, and (Cassin's) Harris Woodpecker. At Middletown we found W. Gnatcatchers which became increasingly abundant from there on. W. Kingbirds first appeared beyond Middletown as did Lark Sparrows in abundance.

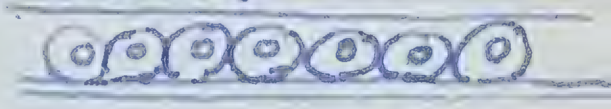
At Clear Lake the water was very high. Western Grebes were very abundant and we watched the nuptial dance of a pair. When first seen they were a hundred feet or more apart and began calling to each other and to swim toward each other. When they were close together they began to bow, stretch their necks, lower their heads now on one side now on the other; then suddenly they rose in the water, fluttering their wings and raising the body completely out of the water except for the feet and tip of the body. The bodies were tense and the neck stretched stiffly at an angle and bent, thus:



Then they lowered their bodies and sank below the water - not by diving but by settling gradually. When they came up they swam away from each other. Did they mate under water?

May 10 The list of birds seen at the lake was the same as last year but Robins were seen in *many* places; 15-20 White Pelicans were seen. A few Forster's Terns. Yellow-throats abundant below Austins. Ash-throated Flycatcher very scarce. None heard. One seen. Chats were in every suitable place.

I was awake before at dawn and the first bird to call was a W. Kingbird which kept repeating a soft fee-dee-dee, fee-dee-dee. It was some time before the Tree & Vg. Swallows began and then the Grosbeak, Linnets until there was a general medley of sounds in all directions. We were out birding from 5:30 - 7:30 a.m. After breakfast we started homeward, turning off at Lower Lake to Seiglers Springs and Cobb Mt. At a junction near Adams Springs we found Juncos and Olive sided Flycatchers (a pair) and heard a Tanager in addition to those already seen. North of Middletown where we lunched a pair of chats, one Audubon Warbler, and the Black-throated Gray Warbler (seen - many had been heard before) brought the list to 70 species. Nests of Cliff Swallows on the steel beams under the bridge over Cache Creek were in rows touching each other. Males were busy feeding females on the nests.



May 12. Boulder Creek. A Water Ouzel gave its rattle just below the cottage about 8 a.m. At noon I heard it again and went down to the edge of the river. I could hear the song, repeated over and over. It came from the opposite shore where a small stream flows into the river. I could not see the bird. Tanagers heard. Olive-sided Flycatcher calling N. Bl. thr. Gray W. still singing.

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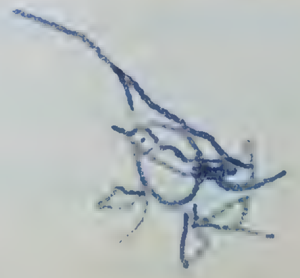
May 13. Final Trip of the "Allen Hummers" to Arroyo Mucho. Hot weather. The usual birds along the way and at the Arroyo the Phainopeplas at the bottom of the Mt. Hamilton Grade. One pair was building a nest in a small fruit tree standing by itself in the field rising from the stream. Another pair was higher up the hill above the road. They were very conspicuous as they alighted on the top of a tree, on a fence or on the ground (collecting nesting material). There may have been more than two pairs as one was seen near the bridge but this may have been one male of the two ~~pairs seen farther up.~~

Western Kingbirds were common. Two that showed no white outer tail feathers may have been Cassin Kingbirds.

A pair of W. Gnatcatchers had a nest at the end of a sycamore branch about 8 ft. from the ground. The birds took turns sitting on the nest, the female remaining 25-30 minutes and the male about ten minutes. The male called often when sitting while the female was quiet. The nest cup was deep, 3-3½ in. The nest was very closely felted and covered with lichens - color grey.



List of birds seen: Turkey Buzzards - 7 together on hill top - Sparrow Hawk - several seen. Quail, Killdeer, Mourning Doves (very ab.), Anna Hummingbird, Downy Woodpecker, California Woodpecker, Lewis Woodpecker (one seen flying among sycamores at Arroyo Mocho, one near Danville) ~~[illegible]~~ Western and Cassin Kingbird, (Ash-throated Flycatcher (seen by Mrs Saunders), Wood Pewee, Western (at Sunset Nursery), Cliff Swallows, (near Livermore), Calif. Jay, Crow, Titmouse (yg. flying), Bush tit (yg. flying), Wren-tit (at Sunset Nursery); Vigors Wren (Nursery), House Wren, Thrasher (Nursery), Russet-backed Thrush (nursery), Robin (along way), W. Gnat-catcher, Phainopepla, Shrike, Warbling Vireo, Yellow Warbler, Redwing Bb., Meadowlark, B. Oriole, Br. Blackbird, Eng Sparrow, Bk. Grosbeak, Lazuli Bunting, Linnet, Gr. & Lawrence Goldfinch, Spotted & Brown Towhee, Song Sparrow.

May 14. Final trip for Faculty Section to Contra Costa Co. First stop Saranap Station: Mocking bird was singing, perched on electric wire. Orioles, Yellow Warblers, Grosbeaks as usual. Also W. Wood Pewee.

Second Stop - Bee Ranch: Added Lazuli Bunting. Third Stop - Davis Ranch near Danville. Buntings, W. Flycatcher nest - ~~empty~~ no eggs yet. Linnets nest, young fully feathered almost ready to fly. Downy Woodpe

May 14. Fourth Stop, Alams Bridge - Added Black Phoebe, Thrush
Total list. 35 species.
In the afternoon Mr. and Mrs. Roger Tory Peterson came and we walked up Strawberry Canyon. He wanted especially to {hear see a Hutton Vireo, hear the song of the Lutescent Warbler and see a male Allen Hummingbird. We did not succeed in finding the Hutton Vireo. - Warm
A pair of Pileolated Warbler was building beyond the end of Mosswood

May 15. In the late afternoon I drove up Claremont Canyon a little way and up Scout Road without hearing a Hutton Vireo.

May 16. A Mourning Dove was near the N.W. corner of the house. J. T. A. heard it call and I reached the porch in time to hear it call and see it fly up the canyon. A Tolmie Warbler was in oak next to kitchen.
In the afternoon I went to Tilden Park with R.T.P. for half an hour to listen for a Hutton Vireo but heard none. A Thrasher imitated it once. Cooler.

May 17. Great Horned Owls were hooting during the night - different pitches.

May 18. Went to Boulder Creek via Dumbarton Bridge. There were no Phalaropes; three Eared Grebes in full plumage; Caspian Terns were numerous (15-20); several pairs of Avocets. High tide at Mountain View.
In the afternoon we drove to the top of Ben Lomond Mountain.

Birds were very abundant. Many W. Tanagers heard. A Hutton Vireo was calling as if wound up
pu-zeep, pu-zeep, pu-zeep ~~wi~~ — , — etc
for about three minutes.

May 19. Boulder Creek. No time for birds but I noticed: Olive-sided Flycatcher calling "a-pée-hew" constantly very near the cottage. Grosbeak, Rb. Thrush, Gb. Goldfinches; Yellow, Pileolated and Black-throated Gray Warblers; Warbling and Cassin Vireos, Purple Finch singing; Tanager calling. Juncos had young out of the nest. (No Ouzel heard) Beautiful day. Counted 7 Buzzards flying from peaks to the north, across to Ben Lomond Mt. Beautiful warm weather.

May 20. Birthday Chilly fog most of the day. Lutescent Warbler's song at dawn — nesting again? A Lazuli Bunting was singing from the electric wire in front of the house at 1 p.m.

May 21-23. Chilly fog.

May 24. At dawn the Russet-backed Thrush was the first bird to whistle (no song until later); then the Lutescent Warbler, Song Sparrow, Spotted Towhee, Brown Towhee. The House Wren did not join in as it usually does. Yesterday it was singing in front of the living-room windows. When I went into the garden after breakfast I found part of the contents of the nesting box pulled out and the male House Wren carrying sticks into the

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Flicker Box which the Screech Owls have deserted. No Female House Wren seen but the male often chirped inside the box as if she were inside. Tolmie Warbler not heard,

May 25. Commencement Day. Warm, sunny. At 5 p.m. we started to Boulder Creek. At Dumbarton Bridge the only birds seen were Swallows (100's), a few Caspian Terns and Avocets. A few Gulls flying over the bridge. At Mt. View Marsh the tide was just beginning to ebb and enough mud exposed to attract waders but I saw only three Bb. Plover, all in summer plumage.

May 26. Boulder Creek. Clear, warm. Many birds singing. Saw Russet-backed Thrush gathering nesting material – bark & moss from redwoods at Camp Joy. Black-throated Gray Warbler still singing but could not find the female. Two Warbling Vireos viciously attacked a Coast Jay that dropped to the ground and caught a grasshopper.

May 27. Cloudy all day. In the afternoon we went to Santa Cruz. No Guillemots seen. Brandt and Farallone Cormorants and a few B. Pelicans on the Rocks. Gulls: 50 Bonapartes, a few with black heads; Hermanns – a few immature, Western. Ducks – a few White-winged Scoters. 7 Common Loons flying northward – two on bay near docks. J.T.A. heard song of Hermit Thrush (at end of our place – east).

May 28. Cloudy all day – A male Warbling Vireo had two youngsters with him – Sang often too. On feeding table: Juncos with young; Blk-Gros-

~~J.T.A. heard~~ Hermit Thrush singing at lower Bridge. Black-heads, Brown & Sp. Towhees, at pool; Chickadees; Grosbeaks - Drove home in the afternoon. House Wren singing -

May 29. Partly cloudy, cool -

May 30. Rain - Tolmie Warbler still singing.

May 31. The House Wren that lost its mate and young was answered by a mate early - 6 a.m. (about). Later seen entering the titmouse box - ~~Its~~ The female's notes made sounded like a nestful of young calling. The male has a softer voice than most House Wrens. Cloudy

June 2. On the top of Mt. Ben Lomond: Lutescent and Tolmie Warblers, Tanager; House Wren, Lark Sparrows and Cliff Swallows at Locatelli Ranch. Song of Hutton V. peet, peet, peet

June 4. Berkeley Linnets have been heard recently near the house. I supposed they came to eat blackberries but I found them in the Elderberry bushes apparently eating the flowers. Sometimes they took something from the bunches of green berries.

June 7. The Fletcher Group had their last trip (postponed) at St Mary's where we drove to the picnic ground. Birds plentiful and singing. Warm. List: Turkey Buzzard, Redtails - two, one carrying a long snake. Quail, Mourning Dove. Hummingbird (sp.?); Hairy, Downy, Nuttall (1 heard) Woodpeckers and Flicker; Ash-throated Flycatcher, Black Phoebe, Wood Pewee and Western Flycatcher; Cliff Swallow, Calif. & Coast Jays, Titmouse (families out); Bush-Tits (only one pr.); Slender-billed Nuthatch (1), Wren-tit, House & Vigors Wrens ab., Rb. Thrush (1), Warbling

1940

June 7. (St Mary's College contin.) and Hutton Vireos, Lutescent, Tolmie and Pileolated Warblers, Grosbeak, Lazuli Bunting, Calif. Purple Finch, Linnet, Gr. Goldfinch, Spotted & Brown Towhees, Song Sparrow. 36 Species

The Grosbeak was giving a wonderful song with notes like a nightingale mixed in. The Spotted Towhee gave the peculiar song heard occasionally. He was perched high in and oak, when he sang this song. (This is the fourth bird I have heard singing in this way.) Song of Hutton Vireo √‾ – ; √‾ – ; like the first phrase of Cassin but sweeter.

Boulder Creek

June 8. About 2 pm I heard Water Ouzels below the house so went down to the river to find them. First I found a male, perched on a twig on the steep bank, preening his feathers. I watched him for several minutes. Then another bird called and he disappeared. The second bird was a young bird, much lighter below and with yellow on the bill. It alighted on a fallen branch of Douglas Fir and in a moment the mother alighted near it and tried to place a fat insect in its beak. The baby dropped it; the mother picked it up, flew across to a dead branch that sloped down to the water. She went to the edge of the water, dipped the insect in the water then flew back to the youngster. Again he fumbled. The mother picked up the insect again, flew across to the branch, walked down to the edge of the water, dipped the insect in and returned to the fir branch and at last the young bird succeeded in swallowing it. The father again then The mother flew down stream and the young bird after a few moments left the fir branch and ~~walked~~ clambered onto the steep slippery wet rock which formed the bank and walked about on it with apparent ease. Finally it gave a call and flew down stream. I followed but could not find it again. When I returned I looked at the same twig where I first saw the male and he was there preening his feathers. Hermit Thrush singing late p.m.

June 9. Boulder Creek. At 7:30 p.m. I heard the Ouzels and found them in nearly the same place. There were three together, father, mother and one young bird. They went into the shallow cave and later up stream to the very deep pool where the flume once emptied. The father found a twig against the perpendicular mosscovered rock where he preened his feathers while the mother fed the young bird near by. Most of the food was taken from the shelving rock which was very wet and was taken easily by the infant.

I heard the Tanager several times and twice the Black-throated Gray Warbler gave a series of songs. In the trees across the roadway I disturbed a Spotted Towhee which began to scold. First the mate joined in, then a Rb. Thrush, then a Chickadee, male Grosbeak and Junco.

1940 Los Angeles

June 12. We started to drive to Los Angeles, making a detour to see the San Antonio Mission, west of King City. We found it quite a ruin; the walls and front (of brick) still standing but protected by a temporary roof which left quite an opening between the top of the walls and the roof. When we entered a linnet was singing inside and Rough-winged Swallows were flying to and from a niche above the altar. A Black Phoebe and were seen inside also. Lois looked behind a picture which hung near the stairway to the pulpit and found nine bats there. 1st. Night at Sta Maria where we visited the wonderful seed gardens in brilliant flower.

June 14. At 1632 Virginia Rd. in Los Angeles 2 Song Sparrows, Mockingbird, Linnets and Brewer Blackbirds were heard early. A flock of Bush tits, Black Phoebe seen later. Two young pigeons perched all day in the Deodar - prob. introduced species.

June 15. We went to Claremont for our class reunion. Very few birds seen or heard - even in the "wash" toward 5:00 p.m. - June 16 - At Mabel's cottage at dawn, silence except for one linnet song and call note of a song sparrow.

June 16. Went via Corona to Santa Ana Canyon road, then to Modjeska Canyon 16 miles from Orange where we visited Mr. Tucker's "Oakwood". We watched Anna, Costa and Black-chinned Hummers feeding at his bottles and many linnets, grosbeaks etc. at his feeding tables. Most interesting. Black-chinned Hummingbird was the only species un

From there we went to San Juan Capistrano - a beautiful mission, gardens very gay. Many Cliff Swallows, especially in ruins of stone church (with transepts.) Saw no swifts.

June 17. We spent the day at Palos Verdes. Many Cliff Swallows near the Lee's house. Mocker in distance: Hummingbirds (Anna).

June 18. We started the northward journey via Ventura; lunch at Buellton; detour to La Purisima Mission near Lompoc which has been restored since our visit there in 193 . . A very interesting problem it has been - reproducing all the things necessary for rebuilding; adobes bricks, tile, doors, hinges, knockers, benches etc. etc. Birds very abundant - esp. Cliff Swallows, Gb. Goldfinches, Linnets. Also Thrasher, Song Sp., Grosbeak, Anna Hummingbirds, Ash. thr. Flycatcher. We visited the seed gardens - acres and acres, Burpees, Bodgers etc. Larkspurs, calendulas, sweetpeas etc, etc - most brilliant - Night at Paso Robles.

June 19. At dawn a Kingbird; then a Bluebird; then linnets goldfinches, Calif. Woodpeckers etc. We detoured from King City via the Pinnacles to Hollister. At the Pinnacles noticed the following: Quail, Mourning Dove, white-throated Swift,
^ Anna's Hummer, Calif. & Nuttall Woodpecker, W. Flycatcher, Violet-green Swallow, Calif. Jay, Titmouse, Bush Tit, Slender-billed Nuthatch, Wren Tit, Canyon Wren, Vigors Wren, House Wren, Thrasher, Gnatcatcher, Warbling Vireo, Grosbeak, Gb. & Lawrence Goldfinch, Linnet, Spotted & Brown Towhee, Junco (sp?).

1940

Between the Pinnacles and Hollister many W. Kingbirds, Yb. Magpies, Meadowlarks, Blackbirds, Lark Sparrows, one Lewis Woodpecker. Sparrow Hawks esp. ab. between King City & the Pinnacles. Birds common in S.F. Bay region which I missed elsewhere Purple Finch, Robin, Russet-backed Thrush

June 20. Berkeley. A Russet-backed Thrush sang continuously at dawn and later just East of the house, under my window. It must be nesting nearby. The House Wrens are feeding young in the titmouse box (second nest)

June 21. Went to Boulder Creek, Cal. Heard W. Tanager repeatedly. Black-throated Gray Warbler heard several times. Olive-sided Flycatcher nearer than two weeks ago. Heard Water Ouzels once (June 22.) Allen Hummingbird, female, visited the flowers. Cool, fog in morning.

June 24. Berkeley. Purple Finch, Russet-backed Thrush. House Wren singing early. Heard Tolmie Warbler singing very softly.

June 26. No wren song heard but young are being fed in box.

June 27, 28. Boulder Creek. W. Tanager singing from tops of redwood trees near by. About 6 p.m. June 27 a group of Vg. Swallows appeared, some flying very low. Seen again next morning. Warbling Vireo male with two yg. still together. Grosbeaks quiet. Olive sided Flycatcher calling. One gave the three-syl. call — (h-pee-hew), another in distance two notes only. Male Purple Finch seen often unaccompanied. Cool, partly cloudy.

July 2. Berkeley The male House Wren has not been seen or heard. The female is busy feeding the brood which is quite noisy. A Junco is singing below the house. Brown Towhees are feeding full-grown young.

July 4. We went to Boulder Creek via Dumbarton Bridge. There were about 100 Willets, 40-50 ~~20±~~ Forster Terns. 10± Avocets - one giving alarm notes. At the bridge proper about 15 Caspian Terns. Sandpipers (sp?) 25-30 ~~At~~ Many Blackbirds and Cliff Swallows. At Mt View Marsh - tide coming in - About 28 Curlew seen (sp?) 1 Godwit, a few Bb. Plover, in plumage [illegible]. At Boulder Creek - very hot. W. Tanagers heard repeatedly.

July 5. Boulder Creek W. Flycatcher called at intervals 2-4 a.m. Santa Cruz, 2 Com. Loons.

July 6. Mt. View Marsh. Tide just beginning to ebb. 6 Gr. Blue Herons. A group of 30-40 Curlew came in all Hudsonian. Ins. Bb. Plover a few, one Semipalmated Plover, Willets 8 or 10, Sandpipers 25±, Dowitchers a few in distance. 1 C. Rail. At Dumbarton Bridge: Gulls more ab. Caspian Terns, Forster Terns, Avocets as July 4. A few Sandpipers sp? White Pelicans 25-30.

July 7. House Wrens left box about 5 a.m. Near house all day.

July 8. Pileolated Warbler and Vigors Wren in garden. They have not been nesting here.

July 9. Family of young Bush-tits about. Grosbeak song heard. They have not been heard for sometime. Thrashers heard frequently - probably feeding on wild blackberries near the house. Family, I think.

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July 13. Dumbarton Bridge:
N. Phalaropes 1000± ; Willets 12±
Avocets 15± ; Forsters Terns - a few.
W Pelicans 15± ; W. Sandpipers few in full pl.,
Cliff Swallows ab.
Mt. View Marsh. Tide out too far. 20 Hudsonian Curlew
~~Hudsonian~~ Long billed Curlew 6± Willets a few. Killdeer 6.

July 14. Boulder Creek. No Tanagers heard. Calif. Woodpecker prominent - came on to electric pole. Ru. Thrush still singing. Nest of Ru. Thrush in low bush ~~below~~ on bank below path, exposed, empty July 15. Found by Miss Gladding on June 11, contained 4 eggs. Lois picked up full fledged Pine Siskin lying on its back on the ground. (not dead)

July 15. Mt. View Marsh. Tide right 11:30 a.m. - noon; Birds not abundant - perhaps 200 in view from the highway; 2 Caspian Terns actively feeding; a few gulls resting 6±; 1 Gt. Blue Heron. 1 Turkey Buzzard (as the Buzzard flew over about 24 Lb. & Hudsonian Curlew and 15 Willets rose). Bb. Plover two in full plumage; Lb. Curlew 20±; Hudsonian Curlew 15±; Least Sandpipers 20±; Willets 15±; Dowitchers 2 (? far out) (Other curlews etc too far out for close identification)
Dumbarton Bridge 1:30-1:50 p.m. Bb. Plover 2 im.; Snowy Plover 3 on dyke near Avocets (I have not seen them before.) Willets 100± on dyke; Sandpipers scattered 30±, Western with streaked chests. Avocets 40, some single [illegible] - females? Others bunched on spit 20± 6 close together in water - males? Forster Terns on spit w. Avocets also feeding. Many near W. Pelicans (60-80); - most Caspians. N. Phal. 10

July 28. Boulder Creek. J.T.A. picked up a dead bird which I think is a young Black-throated Gray Warbler. If so, good evidence of their nesting there. He also saw a brood of about fifteen quail (just big enough to fly) with several adults in attendance.

Aug. 3. We went to Boulder Creek by way of Palo Alto. At Dumbarton Bridge there were about 50 White Pelicans, a few Am. Egrets and Caspian Terns, many Willets and Avocets (one young avocet swimming in a salt pool) and thousands of N. Phalaropes. Cliff Swallows almost all gone – a few seen.

In the afternoon I drove along the West Cliff drive in Santa Cruz. At Guillemot Pt. one Guillemot was on the water with a fish about four inches long in its beak. It rode the breakers as they came in, changed the position of the fish until he had it by the middle instead of the end, then finally took off heading into the wind and returning in a wide circle toward the point. I could not see just where it landed. On the rocky shore there were two or three Tattlers and three Spotted Sandpipers, wagging the rear end of their bodies in characteristic style. On the kelp covered sandy beach where many W., Calif. and Heermann Gulls were resting, I counted twenty Tattlers acting as Sanderling do but ~~in~~ scattered – each one following the wave out and racing back ahead of it. One

Least
Sandpiper, doing the same thing, ~~too, I suspect a Baird Sandpiper~~ (dusky chest, straight bill, a little ~~larger than Western.~~) In the kelp the Black Turnstones were well protected as they blend in perfectly with the color of the kelps. Perhaps more than ten of them.

Just off shore were two W.W. Scoters, one of them with a very bright colored bill.

Aug. 4. At the cottage Wood Pewees were the most conspicuous birds — a family, young able to fly but still being fed. I heard one Cassin Vireo.

Mt. View Marsh; 3:45 - 4:30 p.m. We had to wait for the tide to run out. Many Killdeers; also Caspian Terns actively fishing. The principal call notes heard were those of Bb. Plover which have increased to more than 100. When we left Hudsonian & Longbilled Curlew were numerous (15 of Hud., 3 Long b. near by) One Semi-palmated Plover seen clearly. Many Willets. Four Pintails flew over.

Dumbarton Bridge; 4:45 - 5 p.m.

Avocets, about fifteen scattered; 70 bunched. three youngsters (in separate ponds) swimming.

N. Phalaropes - abs. White Pelicans 50+. Gulls <
Sandp. very few.

Aug. 6. Yellow Warbler in shade trees on Durant Ave.

Aug. 7. Warbler and Vireo notes heard. Vigors Wrens singing songs of late summer.

Boulder Creek - A Thrasher was in the primrose bed when we arrived.

Aug. 10. Santa Cruz, W. Cliff Drive. No Vesper Sparrows. Linnets feeding on seeds of wild radish. Guillemots feeding young on small fish. One bird took food to a hole near the nest and went away. The other bird flew out of the nesting hole after which the first bird returned to feed. A third bird came to a different nesting hole. About twenty Tattlers, most of them on the kelp strewn beach. Tide coming in. Did not follow the waves but flew to a pool under the bluff from the kelp. Three Black Turnstones seen. 12 Br. Pelicans flying in formation. 3 W.W. Scoters in one place - one w. bright bill

Aug. 11 Boulder Creek. Wood Pewees quiet but feeding over water. Hutton Vireo heard — ' — tee weet, tee ' weet

Aug. 17 Boulder ~~In morning~~ heard ~~three~~ two birds not heard during height of breeding season: Flicker, Creeper. At Santa Cruz 5 Tattlers, 35 Sanderlings, 20+ B. Turnstones. Heard Ru. Thrush and saw it.

Aug. 18. Boulder Heard Robin, Pygmy Nuthatch.

Heard Cassin Vireo.

Aug. 19 Boulder. Heard Robin again. Also Winter Wren.

Aug 19. Berkeley. 4 p.m. Heard Grosbeak in Codornices Park.

Aug. 20. " A young Spotted Towhee in streaked plumage came to the feeding tray. It began to scold when it saw me. Later an adult was feeding a youngster on the railing which was giving the note of a very young bird. On Treasure Island in the afternoon I noticed a few English Sparrows, one White-crowned (Nuttall Sparrow) and many Anna Hummers. Bonaparte Gulls and many Sandpipers on the bay shore and at high tide a bunch of Curlew on an islet.

Aug. 22. At daylight (5:15 a.m) a Rb. Thrush called repeatedly. At 5:45 a Wren-tit sang. About 10 a.m a Gnatcatcher called repeatedly – in the deciduous oaks where he usually comes. A flock of Bush-tits at the same time. Cold fogall da

Aug. 23. Fogall day.

Aug. 24. (With Mr. & Mrs. C. R. Keyes) Dumbarton Bridge: One young Avocet swimming on salt pond, almost grown but neck and head covered with grey down. Phalaropes still abundant. Caspian and Forster Terns ab. Some Willets. A number of Barn Swallows. High tide at Mt. View. (seen catching flies fr elect. wire)

Aug. 25. Boulder Creek. Wood Pewee, W. Vireo, Rb. Thrush,

Aug. 27. Berkeley Brown Towhee has outer tail feathers 1/3 grown moulting

Aug. 31. Dumbarton Bridge 10:45 a.m. Cormorants many; Sou White Pelicans 60-80; Amer. Egrets 6-10; Caspian Terns fe Forsters Terns, many; N. Phal. 1000±; Pintails 1000+ in eclipse pl.; Least Sdp. increasing; in roadway; B. Turnstones 5; Willets 20±. No Grebes. Avocets Swallows seen.

Santa Cruz: 5 p.m. W. Cliff. No Vesper Sparrows. No Tattlers. Cormorants (all Far.). Br. Pel. a few; Gulls W. & Heer.; Guillemot one on water with small fish in beak; Sanderling 100+; B. Turnstones 12 - 15.

Sept. 1. Boulder Creek. Br. Tow. moulting. Pil. Warbler singing (none seen or heard for several weeks). Other Warblers & Vireos heard. Large flock of Bush-tits. Quail on path when we waked up.

Mt. View Marsh. 3:15 p.m. Birds increasing. Caspian Terns a few; Blk. Plover 200-300; Willets 200±; Lesser Yellowlegs (seen nr. Willets) Godwits 20±; L.b. Curlew 50±, Hud. C. a few; Sandp. increasing sp

Dum. Bridge 3:45 p.m. Eared Grebe, 1 Albino, 2 normal; No duck N. Phal. 600+; Least Sandp. inc.; Caspian T. a few; Forsters many. No ducks or Avocets. Barn Swallows 35±.

Thrasher began its post-moult singing.

Sept. 2 Aquatic Park. Many Forster Terns. No ducks.

Sept. 3. First rain of season. Large flock of Bush Tits at pool.

Sept. 4. Heard a Tanager near the house. A Rb. Thrush whistles and sang sotto voce. Still no quail families near 37 Mosswood.

Sept. 5. Heard a Grosbeak call. Rain.

Sept. 6. Rain.

Sept. 7, 8. Boulder Creek, S.V. Vireo (Warbling), Rb. Thrush. Tr. W. Tanager. Br. Towhee feeding full grown youngster, giving calls of young bird. Chickadees feeding on Evening Primrose stems. Probably larvae. Saw larva of green beetle. Bush Tits in a large flock came later to same. Pygmy Nuthatches flew in from east about 9 a.m. Heard most of morning. Clear, fresh after rain

Sept. 12. Berkeley. Heard a Red-b. Nuthatch near the house. Warblers in evening. Rb Thrush heard occasionally. Thrasher sings constantly in distance

Sept. 14. Boulder Creek. W. W. Wren. Pygmy Nuthatches, W. Vireo [illegible]

Sept. 15. Mt. V. Marsh 3:20-3:40 p.m. Bb. Plover, all winter pl.; Willets, Lg b. Curlew, 12-15; (No Hud. seen). Less. Y. legs. 2, Avocet 1 (im.) Godwits 12+ win.; W. Sdp. near road. Dum. Br. 3:45-4:00 N. Phal. ab.; Eared Grebes 100+; F. Terns 20+; L. Sandp. seen close; Pintails a few. (Avocets in distance? Light poor). White Pelicans, 120+ 5 lines flying across highway low, some in V, some in lines.

Sept. 17. Rain last night. Cloudy.

Sept. 24 Beautiful weather. Heard "Chuck-chuck" of H. Thrush at dawn. A few minutes later whistle of Rb. Thrush. Grosbeak later. Lois reported G. c. Sparrow song. Sept. 25 [illegible] Sd. Sp. on Campus; Aud. Warbler on [illegible]

Sept. 28. Clear. Drove down to Boulder via No. I from S.F. to Half Moon Bay. At Sharps Park I noticed a few N. Phal, Ruddy Ducks & Coots.

Sept. 29. Boulder Creek. Warm day after chilly night. Heard Hermit

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Sept. 29. Boulder Creek (contin). Thrush and G.c. Kinglets. Also Wood Pewee & Hutton Vireos. On the way home at Mt. View Marsh the tide was out too far for best results. Birds had increased very much since Sept. 15. in total numbers. Bb. Plover ab. all in winter pl. Killdeer very ab.; Long b. Curlew more ab. than Hud. many of both. Willets ab., 1 Lesser Yellowlegs (seen near Willet); Godwits ab. Dowitchers a few. W. Sandpipers ab. Avocets 12+ 1 Pied-billed Grebe. At Dumb. Bridge: Only a few N. Phal. 12+; Eared Grebes 300+; W. Pelicans 20±; Am. Egrets 12+; Terns a few in distance, Ducks - a few Pintails; Avocets 100+. Did not see Albino Eared Grebe. Beautiful weather. Puget Sd. Sparrows [illegible]

Sept. Twelve Buzzards on Patterson Ranch, five on fence posts.

Sept. 30 Aud. Warbler on Euclid St.

Oct. 1. At 6:30 a.m the song of a Fox Sparrow under my window; seen later at the pool, large brown type. Audubon Warblers and Ruby-cr. Kinglet heard. A flock of 12 Quail, giving alarm notes up Moswood Rd. All adults - pairs are in flock now

Flickers & Aud. W. increasing

Oct. 6. Boulder Creek. Ouzel seen on river below the cottage by Heights. Hutton Vireo, Pygmy Nuthatches, Hermit Thrush. Small flock Cedar Waxwings [illegible] near Summit [illegible]

Oct. 7. Codornices Park. Allen Hummer Group. No quail. Anna H., Calif. jay ab., Coast Jay a few, Black Phoebe, Flicker ab., Bushtits 1 flo[ck] Red-b. Nuthatch 1, Wrentits heard, Thrasher, Mockingbird, Hermit Thrush, Robin, Cedar Waxwing " Aud. W. ab., Linnets, Purple Finch, Siskins, Br. & Sp Towhee, Puget Sd. Sp., Gambel Sp ab. G-c Sparrow, Song Sparrow. Rain in afternoon, Pug. Sd. Sp. singing in vacant lot on Hopkins St., Oakland.

Oct. 8. Lower Campus. No quail, Anna Hummers 3, Wood doing pendulum; Calif. jay. Flicker, Bush-tits (a flock), R-c Kinglet (1), Robins (eating madrone berries, Aud. & Townsend Warblers. Br. Towhee, Purple Finch, Linnets, Puget Sd. Nuttall and G-c Sparrows (no Gambels), Fox Sparrow Song Sparrow. Cloudy. Oct. 9. Aquatic P. F. Terns*, B. Turnstones 20+

Oct. 10. Clear, Hot. Lady Bird went to Carmel where we spent the night with Mrs. Saunders. Lunch at Moss Landing.

Oct. 11. Visited Pt. Lobos, Marine Biological Sta. Estero. Hot.

Oct. 10, 11. Carmel Trip. List: Hecker Pass: Brewer Blb., Quail, Puget Sd. Sparrow ab., Calif. Woodp. Flicker. Cal. Jay. Sparrow Hawk. 2 Redtails.

Moss Landing: Western, Eared, Pied-b. Grebes, Brown Pelicans, Far. Cormorants, Gt. Blue Heron, Black-cr. Nt. H., Am. & Snowy (1) Egret; Ruddy Duck, Duck Hawk, Coots, Bl. Turnstones, Ck. Curlew, Bb. Plover ab., Killdeer ab., Lesser Yellowlegs 5, Baird

* Sandpiper (3 seen at close range, feeding rapidly in very shallow water), Least, Red-b. Western Sandp., Godwits ab., Sanderling a few on sand spit, 1 Red Phalarope (oil on feathers. Did not enter water. With sandpipers on small islet. Often attacked by Sandpipers. Feet Bluegray.) Gulls: Ring-billed ab. Bonaparte Gulls, Forster Terns a few, Least T. ab. Linnets, Nuttall Sp., W. Gnatcatcher.

Carmel: Arctic Tern - a bird perch'g on point of rock on shore at dusk. Much darker than other Terns I know, bill slender, dark red. I think it probably roosted there as it was almost immovable. Watched it for some time when first seen. Still there when we returned 20 minutes later.

Kingfisher, Black Phoebe, Bush-tits, Vigors & House Wren; W. Gnatcatcher (seen sev. times on brushy dry dunes.) Shrike, Meadowlark; Linnet, Gr. Goldfinch, Nuttall Sp., Spotted Towhee, Song Sp (these five at pool at college)

Pt. Lobos Red-wings, Anna H., Pygmy Nuthatch, Chickadee, Say Phoebe, Marsh Hawk (2), Sh. Sh. Hawk, (Sp. H) B. Turnstones ab.; Marine Biol. St.; W. & Heer. Gulls ab., Calif. Gulls a few; Baird, Brandt & Far. Cormorants, (Oyster Catcher (1), Surf Bird (1), Aud. Warbler.

Esteros: Gulls, Mallards, Ruddies, Lewis Woodp. Amt. Gr. Heron, G-c. Sparrow. Crows near Salinas. 72 sp.

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Oct. 12. Saratoga Grade. Hot– About 20 Vaux Swifts were near the highway about 2/3 way to Summit.

Oct. 13. Boulder Creek. Hot. Hutton Vireo heard often.
Mt. View Marsh. 2:45 p.m.; Tide out too far. Birds very ab. in distance. Saw distinctly: Bb. Plover ab., Killdeer ab., Lb. Curlew ab., Willets many, Godwits ab. Redbacks – one group 20-30, W. Sand ab.
Dumbarton Bridge; Eared Grebes 500± (could not see the Albino), White Pelicans 500+ – in long lines closer than usual to roadway. Avocets & Willets ab.

Oct. 14. "Allen Hummers" went to Aquatic Park. Cooler.
Grebes; 2 Piedbills, 8-10 Eared. Br. Pelicans 25+ flew over. Far. Cor. 8-10 on boom. Gt. Blue Heron 1 on island. Am. Egret 5-8. Ruddy Ducks 20+, Mallard 2 ♀, Wr. Scoter im. 2., Sp. Hawk 1, Coot 1, L.-W. & Redb. Sandpipers, N. Phal. 20+; Gulls: W. Calif & Bonap., Forster's Terns 40+; Meadowlark singing, Nuttall, Pug. Sd. Sparrows singing, Linnets, Savannah Sparrow – 2-4 p.

Oct. 17, 18. Very warm. Birds increasing. Many Aud. Warblers, Flickers, R-c. Kinglets (singing.)

Oct. 19, 20 Boulder Creek – warm (with Emersons)

Oct. 21. Cooler, cloudy Oct. 22 Cooler, cloudy

Oct. 23. Rain at night. At Aquatic Park watching for Jaegers – none seen. Eared & Pied-b. Grebe, F. Cormorant, Am. Egret, Gt. Blue & Black-cr. Night Heron, Brown Pelican, Least Sandp. Red back (30+ flew over); N. Phal. 1, Red several; 1 Coot, 2 Ruddy Ducks, Ringbilled & Western, Bon. Gulls; Forster's Terns (30-40); Sparrow Hawk. All near Bird Res.

Oct. 25. Rain.

Oct. 26. Clearing. Went to Boulder Creek via Dumbarton Bridge. At the bridge we walked northward to the Eucalyptus trees where Lois had located an Egret roost. There were many white feathers under the trees. Saw Crowned Sps, Spotted Towhees, Linnets, a humming bird. At the bridge Aud. Warblers, Pipits, 1 Horned Lark; a few Am. Egrets, many Terns (Forsters), Willets, Avocets (a flock of 30± flew over), later some 300 in salt pool north of road. Redbacks and L. Sandpipers were abundant. A few Phalaropes among 300± E. Grebes. (Did not see the Albinos.) No W. Pelicans. A few Sandp. in the roadway.

At Mt. View Marsh – birds increasingly ab. Bb. Plover, Long b. Curlew, Willets most numerous. Many Hud. Curlew, Godwits, Redbacks & L. Sandp. A few W. Sandp. & Dowitchers & Lesser Yellowl. (smaller than Willets next to them).

Boulder Creek. A duck flew overhead at the cottage. Lois & Miss Gladding reported seeing six on the river. From their description and the size as I saw it I judge they were ♀ or yg. Am.
~~Wood Duck female~~
Mergansers. Later two were seen. A W. Winter Wren seen, (another heard) skulking among the tangles of roots near the river. Much colder at night than heretofore. No frost.

Oct. 27. Birds near the cottage 2 Ducks (~~Am. Merg.?~~ Wood), Kingfisher, Quail, Flicker, Caba[illegible]is Wd., Bl. Phoebe, Coast Jay comes to table), Chickadees, Bush Tits, Pygg. Nuth., Cal. Creeper, Vigors Wren (song), W. W. Wren, Hermit Th. Robin, G.c. & R-c. Kinglets, Hutton Vireo, (one warbler chip, prob. Townsend), Purple Finch, Br. & Sp. Towhees, Fox Sp. numerous ab., Song Sp. Clear. Warm in sun.

Oct. 28. The Allen Hummers went to Tilden Park & San Pablo Reservoir. Partly cloudy, cool. Found a flock of Golden-crowned Kinglets. Also several Ruby-cr. Kinglets, some showed crown when two came together (dividing territory). Also quail, Flicker (ab.), Calif. Woodpecker (heard), Black Phoebe, Calif. Coast Jays everywhere; Titmouse, Bush-tit, Wren-tit, Vigors Wren, Hermit Thrush, Robin, Aud. Warbler, Am. Goldfinch

Fox Sp., Junco, G-c. Sp., Pug. Sd. Sp.,

At San Pablo Dam: Eared and W. Grebe, Loon (1) sp?; Far. Cormorants 15+; Gt. Blue Heron, Am Egret (1), Canada Geese 125+, Pintails ab., Ruddy Ducks a few; Sh-Sh. Hawk, Coot; Red b. Sandp., Dowitcher (in mixed flock), Phal. 2+, Yellow Legs 2; Flicker, Calif. Jay, Titmouse, Bush-tits, Wren-tit, Vigors Wren, W. Bluebird, R-c Kinglet, Br. Blackbirds, Willow Goldfinch, Junco, crowned sparrows.

Moraga Rd., Redtail, Titmouse, Calif. Jay, Sl. Billed Nuthatch.

Nov. 3. I saw a Rufous-crowned Sparrow on upper Panoramic Way. It alighted on a fence post. Its motions resembled those of a song sparrow. Night very chilly.

Nov. 4. The "Allen Hummers" went to Lake Merced. Clear and warm in middle of day. W. (a few Eared) and Pied-billed Grebes ab., F. Cormorants 6, Gt. Blue Heron, Ruddy Ducks ab., a few Bluebills, Sp. Hawk, Quail (1 flock), ~~Virginia~~ Sora Rail heard (Sor-ée) 1 Florida Gallinule im. Coots ab., Gulls (sp?), Phalaropes a few, Anna H. a few, Kingfisher 1, Flicker, Bl. Phoebe, Chickadee a few Bushtits 1 flock, Tule Wren 3, R-c Kinglet 2, Aud W. ab. in protected areas, Purple Finch, Sp. Towhee, Nuttall Sp., Fox, G-c Sp 1 flock, Song Sp. ab. (Rusty Song Sp.) One Lincoln Sparrow (smaller than S. Sp., streaks less prolonged, breast buffy, call tsip.) At Cliff House many W. Gulls, B. Pelicans, 20-25 B. Turnstones. Tide high. Water in L. Merced very high. Boats on lakes.

Nov. 5-7 Rain. Birds near house increasing: Flicker, R-c Kinglet, H. Thrush, Fox Sparrow.

Nov. 8. Sprained ankle. Nov. 9. Boulder. Very few birds.

Nov 9-13. More wintry with some rain.

Nov. 15. Clear, warmer. I saw several Varied Thrushes near the west window. One was in the toyon bush, others in the oak tree above. Hermit Thrush more conspicuous.

Nov. 16, 17. Boulder Creek. Cloudy with some rain. Not cold. Madrone berries ripe. Birds very abundant. Every so many flying among the trees as we drove in - probably Varied Thrush. Near cottage: Flicker, Kingfisher, Chickadees, Hermit Thrush, Br. & Sp. Towhees. Hutton Vireo (singing), Rc. Kinglets, W. Wren.

Nov. 18. N.W. wind. Clear. Berkeley.

Nov. 20. Cloudy. A real winter aggregation came for food or water. Three quail - two males in the abalone shell together eating rye flakes & bread crumbs. One Flicker in oak, immature (no mustaches. Black crescent.) Calif. Jay and later a Coast Jay at the pool. A Titmouse high in the oak. A whole flock of Bush-Tits after the Cal. Jay and Flicker had gone. Many in the pool at once. A wren-tit went into the pool with the Bush-tits. A Thrasher bathed (first bird seen in the pool) a long time while a Spotted Towhee kept near, waiting his turn. As soon as the thrasher left he began bathing. A female in sight at the same time. One Hermit Thrush at the beginning of the fifteen minutes of watching. After the Bush-tits left three Rc Kinglets came to the pool together - but flying at each other. A Brown Towhee, two Song Sparrows and three Fox Sparrows were coming and going all the time.

Nov. 23. Went to Boulder Creek for the day. Cold N.W. wind. Near the cottage there were great numbers of Varied Thrushes feeding on madrone berries. I have never seen so many before. Many Hermit Thrushes also. Bird pool frozen. Outdoor temperature at 7 a.m. 26° ([illegible] ~~thermometer~~) On the way home after dark the eyes of a dead cat on highway reflected our head lights.

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Nov. 25. Warmer. "Allen Hammers" went to Dumbarton Bridge and Mt. View Marsh - Beautiful. warm in middle of day. At Dumbarton Bridge: Eared Grebes 400+. Albino grebe seen in afternoon. 7 W. / Pie bill. W. Pelicans (Mrs Sheldon saw large group at 3:30 p.m.). Far. Cormorant - one in grebe pool. Gt. Blue & Black-cr. night Herons; a few Pintails. 1 Marsh Hawk, - west end, 8-10 Clapper Rails (west end), two crossed the highway, one within ten feet of us. Bb. Plover many, Willets ab., Red-backed Sandpipers very ab. Many Western, a few Least. Godwits - 25+ Bon. Gulls very ab. Also pipits, Brewer Bbs. Gt. Goldfinches, white or ^ Sparrows. At Mt. View Marsh - much mud exposed. Birds very ab.: Gt. Blue Heron (2), Shovellers 20-25; Bb. Plover, ab. Longbilled Curlew 40+, Hudsonian Curlew 20+, Willets ab. Gt. Yellowlegs 3, Least Sandp. a few, W. Sdp. many, Red-backs everywhere in abundance (no dowitchers), Godwits ab., Avocets 10-12; Gulls (sp.?), After lunch we drove to Searsville Lake where we saw more pintails, coots, Ruddy Ducks & Gt. Bl. Heron. Did not go in. At entrance or near by ^ saw or heard Flicker, Calif. Wdp., Downy Wdp., Black Phoebe, Calif. Jay, Titmouse, Bush-tits, Hermit Thrush, R-c Kinglet, Aud. Warblers, heard Bluebirds, Meadowlarks, Purple Finch Br. Towhee, Juncos, G-c. Sparrow, Along the highway, Sparrow Hawks, Redtail, Quail, Shrike, Eng. Sp., Linnets, Rot~~Potal~~: Near Portola there were several Lewis Woodpeckers. Total 53 species.

Nov. 26 - 28 - Warm weather.

Nov. 29. Boulder Creek. - Birds feeding on madrone berries, very abundant; especially Robins, Varied Thrushes. Hermit Thrushes. Hutton Vireo heard singing. Warm, Light frost at night.

Dec.
Nov. 5. weather still beautiful with occasional fog at night. Went to Phoenix Lake above Ross. So warm at noon that we had to cool off in shade after lunching in sunshine. We did not find the Wood Ducks and male Hooded Merganser seen by Mrs. Kelly two weeks ago. But we had a list of almost 50 species: Western Grebe (bay), Pied-bills (ab. on lake), Far. Cormorant (bay), Gt. Blue Heron (marsh) Lesser Scaup, Ring-neck, Ruddies, Hooded Merg. ♀, Canvasbacks ab. on Lake; Wng. & Surf Scoters on bay, Redtail & Sparrow Hawks, Quail, Coots (ab. on lake), Bb. Plover, Willet, Lb. Dowitcher, Red-backed, Western & Least Sdp. Western, Glaucous-wg. & Bon. Gulls on bay or shore; Calif. Woodp. & Flicker, Black Phoebe, Calif. Jay, Crow, Titmouse, Chickadee, Bush-tit, [illegible] Red-br. Nuthatch (Sheldon), Vigors Wren, Hermit Thrush, Robin, Bluebird, G-c. & R-c Kinglet, Pipit, Hutton Vireo, Aud. Warbler, Meadowlark, Br. Blkbd, Eng. Sparrow, Linnet, Brown & Sp. Towhees, Junco, White-cr. & G-c. Sparrows (no songs), Song Sparrow. 52 species.

Dec.
Nov. 7, 8. Boulder Creek. Beautifully warm in middle of day, cold with heavy frost at night. Birds still more abundant. At about 3:30 p.m., on the 7th the Varied Thrushes began a general chipping and began to leave the madrone trees and settle for the night in the big redwoods at Joy Camp. About the same time the robins began to fly out and up toward Ben Lomond Mt. While watching them I happened to see a huge flock of Band-tailed Pigeons above the mountain. They disappeared on the other side, then reappeared two or three times then finally went over the summit. It was after four when the Hermit Thrushes

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began their excited clucking before settling for the night and even later when the Fox Sparrow checked his last. The sun disappeared over the mountains soon after 3 p.m. On the eighth at 2 p.m. there were hundreds of Robins and Varied Thrushes, a flock of Cedar Waxwings, ever so many Hermits (song phrases heard). Also flocks of Siskins, chickadees, juncos, many R.-c Kinglets, Heard Kingfisher. A Hermit Thrush & Sp. Towhee on the gate as I went to close it as we left.

Dec. 10. Faculty Section went to Aquatic Park. Fog just disappearing. Birds seen: W. Pied-billed, Eared Grebes Far. Cormorants 30±,) 6 Am. Egrets, 3 Blue Herons, Mallard 3, Canvasbacks many, Golden-eyes 15+, no males; Bluebills and Ruddies very ab., 2 Mergansers females or young, crests barely visible in two very short tufts of raggedy feathers. Coots a few; Killdeer ab. near K.R.E., 1 Black Turnstone, 1 Godwits in inner pool; Least, Rdb. & W. Sandpipers - Redbacks most ab., Sanderling a few, Gulls: Western, ~~Calif.~~ Herring, Ring-b. Glaucous-wg., Bonapartes, Pipits, Aud. Warblers, Meadowlark, Redwinged Bb., Linnets, Crowned Sparrows. Song Sparrow, 3½ sp.

Dec. 11, 12. Lazy Birds went to Carmel. Tide high at Moss Landing: Saw Eared & Pied-billed Grebes, Loon (R?) (in flight dark wings against white underparts give striped appearance), Far. Cormorant, Gt. Blue Heron, Am. Egret (several), Snowy 1, Lesser Scaup, Ruddy, Red-br. Merganser (ad. male), 1 Clapper Rail, Coots, Willets 200±, Curlew, Killdeer, Gulls, Yellowlegs, Bonaparte Gulls. Along the highway: Sparrow Hawks ab., Shrikes, Br. Blackbirds, Linnets, Crowned Sparrows, Turkey Buzzards, Yellow-billed Magpies, Kite at Salinas River, Calif. Woodpecker. At Pacific Grove Marine Station: also Brandt Cormorants, Western Gulls Glaucous-wg. & Herring Gulls very ab., a few Calif. & Ring-bills, Short-billed Gulls, Heermann; some with white heads - 50±, Brown

Pelicans, Am. Mergansers 6+, Oyster catcher, Surf Birds 15+, Black Turnstones 20±, Crow. Carmel: Coots ab., Cinnamon Teal 13, Eared
→ Grebe Sparrow Hawk, Marsh Hawk, Pheasant,
Grebe a few, Gulls, Anna Hummers 2, Kingfisher, Black Phoebe, Say Phoebe (ab. also up Elkhorn Slough, very ab.), Chickadees, Wren-tits, Bush-tits, Vigors Wren, Tule Wren (heard) Hermit Thrush, Gnatcatcher (3 together), R-c Kinglet, Audubon Warbler, Townsend W., Yellowthroat, Shrike, Linnets, Savannah Sparrows, Nuttall Sparrows, Song Sparrows.

At Del Monte Lake; Gulls. Eared, Pied-billed Grebes, Wood Duck ad. male, very tame, came to be fed; Shovellers, Mallards, Pintails, Ruddies, Bluebills, ~~Cabanis~~ Wood-pecker. At West Cliff Drive, Santa Cruz: Western Grebe ab.; Western, Heermann (a few), Calif. & Ringbilled Gulls, Bb. Plover, Willet. Black Turnstones, Sanderling ab., 1 Godwit, H. Curlew - none in great numbers. & Great contrast with Monterey Bay where gulls were swarming - 10000±

Laidlaw Williams joined us at Pacific Grove ~~and~~. we used his telescope. We failed to identify any Baird or Farallon Cormorants. Short Billed Gulls were off-shore at Pacific Grove. Herring Gulls eyes have a dark center, pale yellow iris and light eye ring. In late afternoon only the dark part showed.

Dec. 11 was quite warm but the second day was cold with a north wind blowing and frost on the lawns in Carmel.

Dec. 13. Very cold with north wind in Berkeley. No frost.

Dec. 14-15. Cold. Dec. 16. Raining, warmer.

Dec. 17-21. rain off and on, warm most of the time.

Dec. 22. We started to drive to Boulder Creek but found it was raining heavily in the mountains and roads closed by slides (5 inches Dec. 21), so returned from Milpitas

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via Mt. View Marsh and Dumbarton Bridge. Tide was too far out but the whole marsh was so wet with rain that many birds remained near the Bay Shore highway. Birds seen: Bb. Plover many, Long-billed Curlew 12-15; Hudsonian 2; Yellow-legs – one stood on a hummock of mud and yipped continuously. One of the Hudsonian Curlews was calling continuously from one spot also. Willets, several seen, Least, Redbacked & Western Sandpipers and Long-b. Dowitchers very abundant. Also Godwits ab., Avocets 20±,

At Dumbarton Bridge many Sandpipers and Plover at the west end (tidal), 2 Western Grebes at the bridge; 100+ Eared Grebes, 400+ W. Pelicans, 300+ Am. Egrets, Avocets 200+, Ducks (Shovellers) 150+, a few Ruddies; Bonaparte Gulls and Forsters Terns (I had supposed the Terns were all gone) Perhaps the absence of Pelicans and Grebes earlier this winter was because of the hunting season. Many pipits.

Dec. 24. Still raining hard. I heard two Vigors Wrens a Thrasher and a Song Sparrow singing this morning (not raining at the time) and James heard a Varied Thrush. There were many gulls in the stadium. I watched one as it flew out. It spiraled 6-8 times before it was up high enough to fly over the top. Later the gulls were seen flying up the canyon. James said that football men came in to practice –

Dec. 25. Pouring rain most of the day. As I drove over to Avon Rd. I heard many Song Sparrows (in one each different places) a Nuttall Sparrow and Robins singing.

Dec. 26. Rain all day. Can hear the gulls in the stadium calling.

Dec. 27. Still raining. Dec. 28. Rain and S.W. wind which just strikes the tops of the oak trees. Robins seem to blow in as they seek shelter from the wind in the upper canyon. As I sit writing at my desk I hear constantly the notes of Varied Thrushes. Later (11 a.m.) Robins continue to pour in and Varied Thrushes have come into the toyon bush under the window to eat the berries. Sometimes there are a dozen in the bush at once. This continued until two o'clock when I went upstairs to rest. At two thirty when I came down the berries were practically gone. Three birds were finishing them off. We heard a Sparrow Hawk calling so stepped on to the porch to look at him. He was soaring in wide circles and calling frequently. Above him were many robins as high as we could see. A flock of bush tits was in the oak overhanging the porch and some came into the tips of the branches nearest us (3 ft.) When we closed the door they did not fly.

Dec. 29. No wind. No rain to speak of. Cloudy most of the day. W.T.A. and I went to the Aquatic Park. I drew birds while he read. Many ducks. No male golden-eyes. Several Blue Herons and Am. Egrets. Sandp. flying

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Dec. 30. Clear. N.W. breeze. Drove to San Francisco. Many sandpipers, sanderling along the shore. Both Scoters & W. Grebes on the bay. Many Nuttal Sparrows singing near DeYoung Museum.

Dec. 31. Heavy frost across the canyon, first time this winter. Clear a.m. We drove down to Boulder Creek and back. Occasional flocks of crowned sparrows in the valleys and one at the summit of the ~~Saratoga~~ mountains near the Easter Cross. At Boulder Creek the madrone berries were gone and birds much decreased. A Hermit Thrush perched on the top of the door to the automobile which was standing open. Varied thrushes feeding in the roadway, probably picking up fallen madrone berries.

On the way home at Mt. View Marsh the tide was too high but we saw many Shovelers, a few Canvasbacks, Sandpipers Least near road. A flock of 50± Brown shore birds flew in, Curlew ? I think. Some Willets and more Bb. Plover seen. At Dumbarton several Western Grebes, one Golden-eye Duck W. end. Water very high, covering all the marsh south of the road. In the salt pools many 500± Bonaparte Gulls mixed with Eared Grebes, picking food from surface of water. Red-backed Sandpipers numerous, a few Willets. Pelicans 20±, Egrets 35±.

✓ 1 Phalarope - very near road; swam about, turning and whirling; then rose from the water and flew some distance. Alighted on the water again. Sparrow Hawks ab. on way.

Near Sunol three Magpies, Shrike & Crowned Sparrows.
One Pheasant (near Mission San Jose ?) Cloudy p.m.